BLAUPUNKT

NAVIGATION

TravelPilot RNS 150

7 612 001 172

TravelPilot RNS 150

7 612 001 173

TravelPilot RNS 3 TravelPilot RNS 150 US

7 612 001 389

8 622 402 584 WG-KN 07/00

Schaltbild • Circuit diagram

CLASS 1 LASER PRODUCT

7 612 001 430/475/490



UNSICHTBARE LASERSTRAHLUNG NICHT DEM STRAHL AUSSETZEN LASERKLASSE 3B

D VORSICHT!

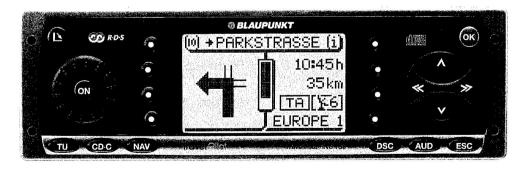
Das Gerät beinhaltet eine Laserkomponente! Im Servicefall nachfolgende Hinweise beachten:

- Das Gerät arbeitet mit unsichtbarem Laserstrahl.
 Bei geöffnetem Gerät tritt im Bereich des Plattenfaches Laserstrahlung aus.
- Nicht in den Strahl blicken.
- Unbeteiligte Personen vom Arbeitsplatz fernhalten.
- Der Betrachtungsabstand darf 13cm nicht unterschreiten.
 Kann dies nicht eingehalten werden, muß eine geeignete Laserschutzbrille getragen werden.

GB CAUTION!

This unit contains a laser component!
For service observe the following important instructions:

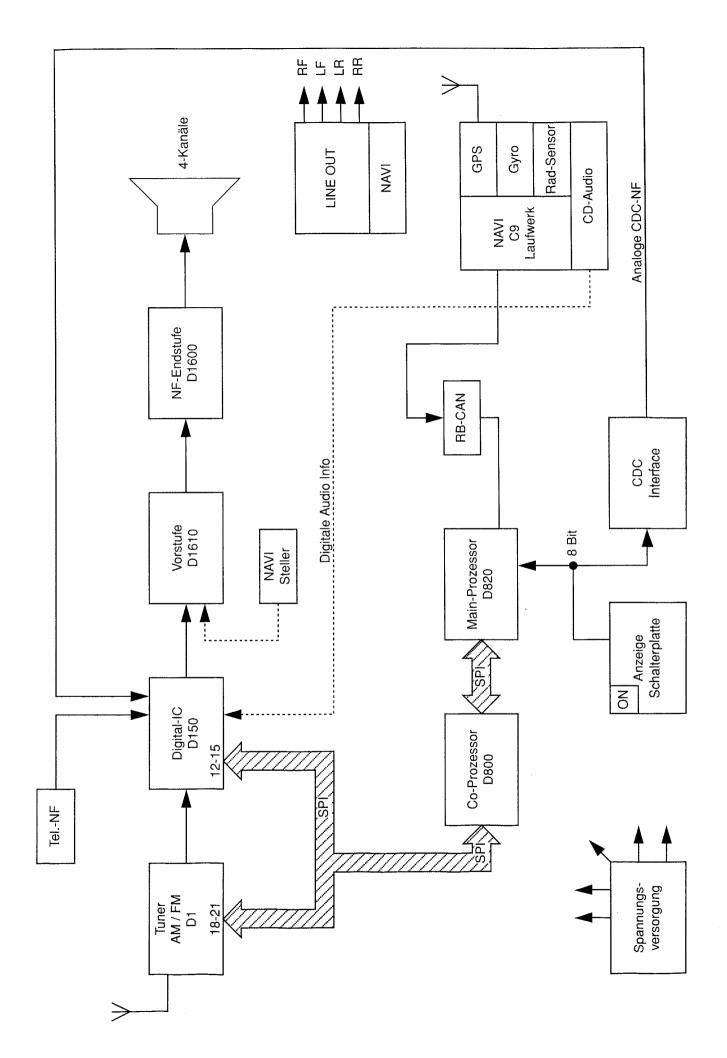
- The unit operates with an invisible laser beam.
 When the cover is removed, near the disc compartment, invisible laser beams are apparent.
- · Avoid direct eye contact with these beams.
- · Keep other people away from the working place.
- The viewing distance should not be less than 13cm.
 If this distance cannot be ensured, use suitable laser safety goggles.





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Grenzwerte

Versorgungsspannungen

Folgen de Tabelle gibt Auskunft, welche Spannungen, in welchen Toleranzbreiten und zu welchen Betriebsbedingungen gemessen werden müssen.

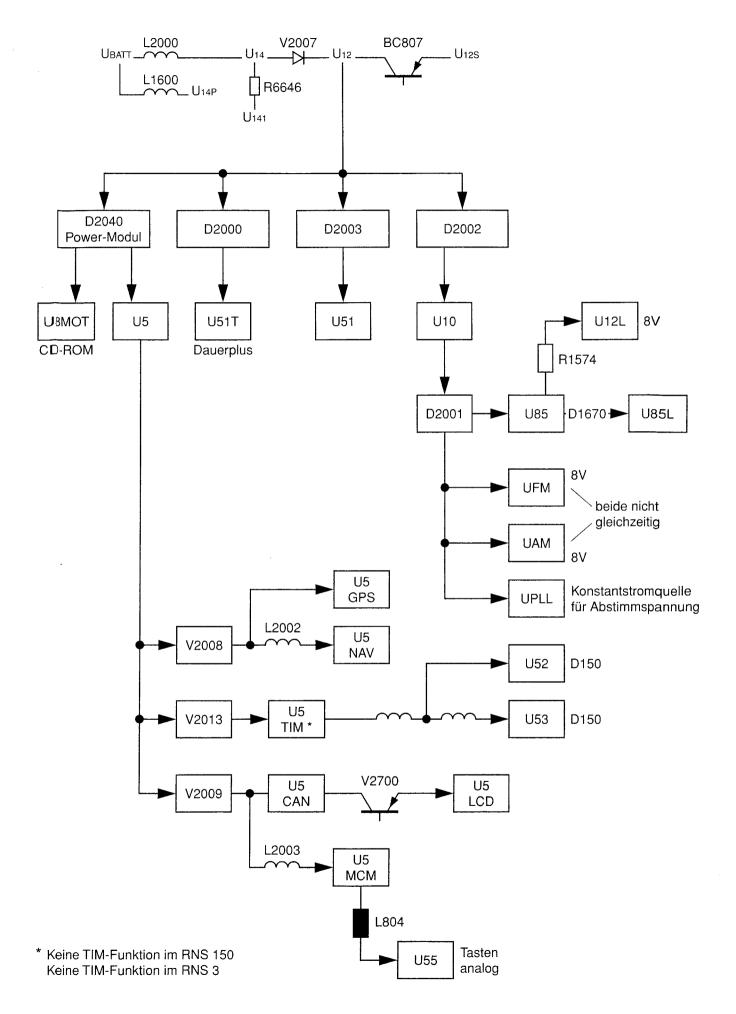
Spannung	Meßpunkt	Nennwert	Toleranz	Umin	Umax	Zu messen wenn
U10	MP111-12	10 V	4%	9.6	10.4	Gerät ein
UPLL	MP_UPLL	9.7 V		9.3		Gerät ein
U85	MP_U85	8.5 V		8.40	8.7	Gerät ein
UAM	MP_U_A	8.5 V		8.40	8.7	Gerät ein, AM-
UFM	MP_U_F	8.5 V		8.40	8.7	Gerät ein, FM-
U85L	MPU85L			U85/2		
U12L	MPU12L			U12S/		
U12S	MPU12S			U12-		
U5	MPU5	5 V	-1%, +2%	4.90	5.1	Gerät ein
U5_MCM	MPU54	5 V		4.90		Gerät ein
U55	MPU55	5 V		4.85		Gerät ein
U5_NAV	MPU5NA	5 V		4.90		Gerät ein
U52	MP_U52	5 V		4.85		Gerät ein
U53	MP_U53	5 V		4.80		Gerät ein
U8_MOT	MP111-17	8 V		7.70	8.30	Gerät ein
U12	MPU12			U14-		
U51T	MPU51T	5 V	2%	4.90	5.1	Dauerspannung
U51	MPU51	5 V	2%	4.90	5.1	Dauerspannung

Stromaufnahme

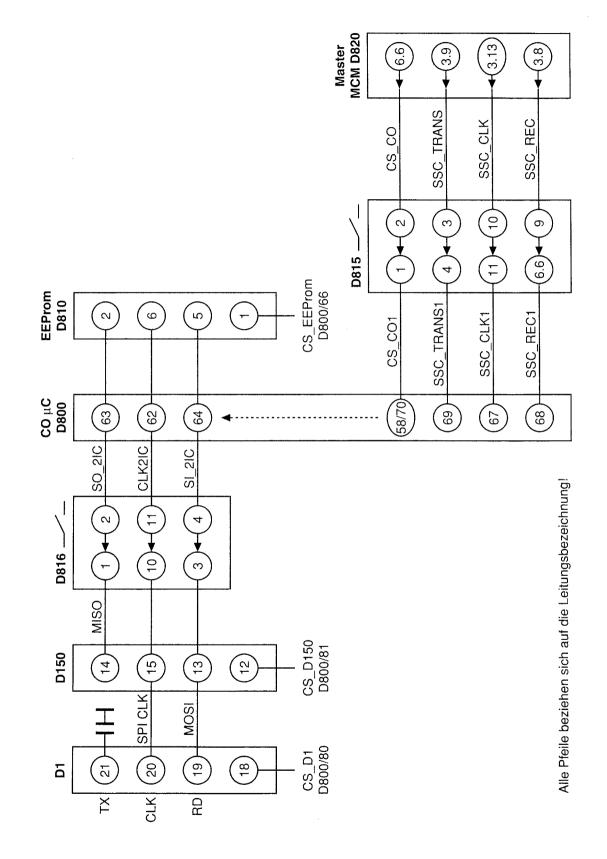
Zur Strommessung des Gerätes sind die Pins 4 (Kl.30) und 8 (Masse) der Kammer A des Anschlußkastens zu beschalten.

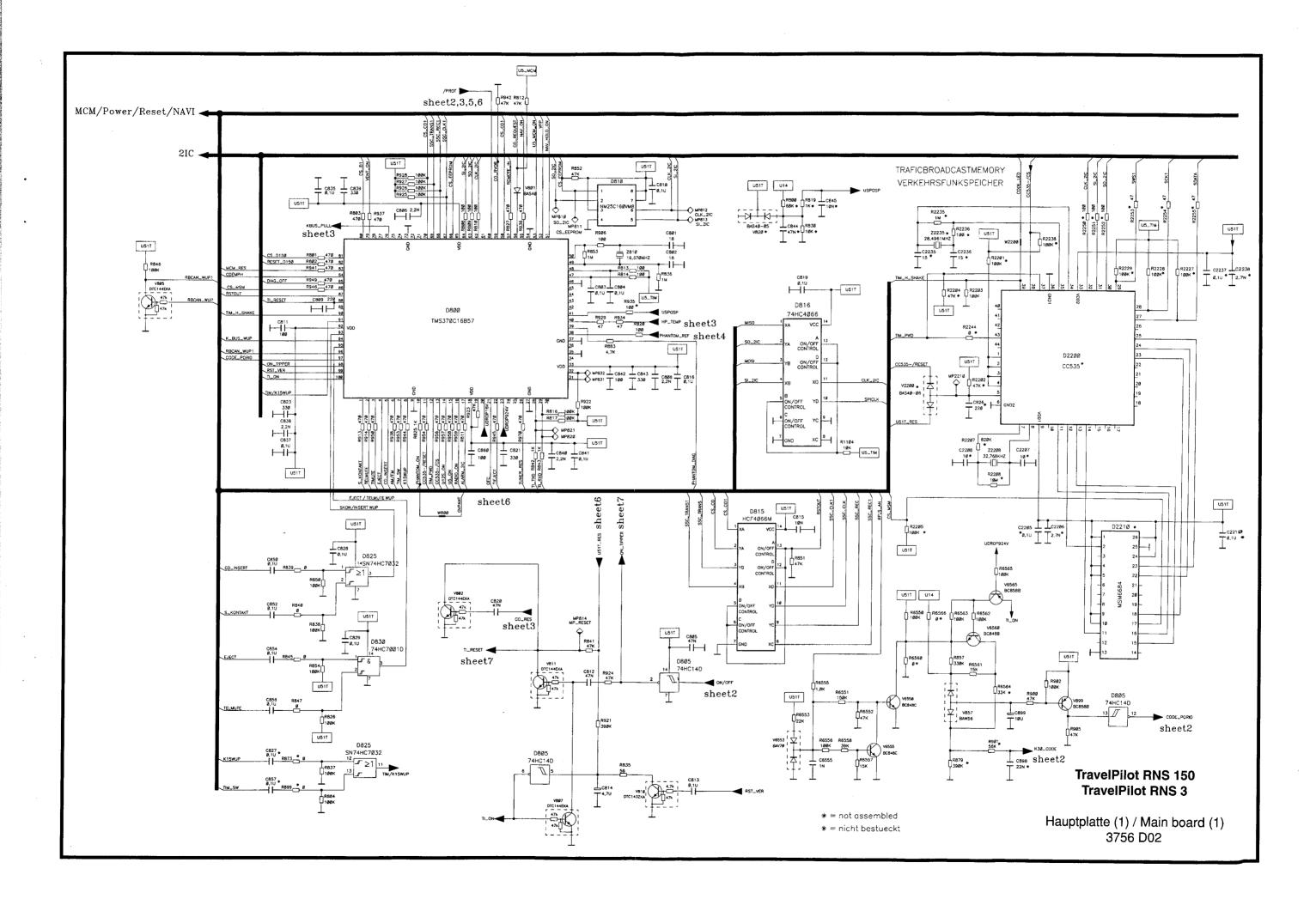
Betriebszustand	Stromaufnahme / mA	Kommentar
Gerät aus	< 3	Gerät muß vorher einmal an gewesen sein, damit CAN-Tranceiver initialisiert wird.
Gerät ein	1000 bis 1100	Bei Erstkontaktierung mit eingelegter NAV-CD.
Gerät ein	ca. 900	NAV-CD im Gerät aber Laufwerk steht. Radiobetrieb (FM).
Gerät ein	ca. 880	Audio-CD im Gerät und läuft. Audio-CD-Betrieb.
NAVI-Nachlauf	< 330	30 Min.
Lüfter an	+ 70 (max.)	Wenn Lüfter voll läuft erhöht sich die Stromaufnahme des Gerätes um max. 70 mA.

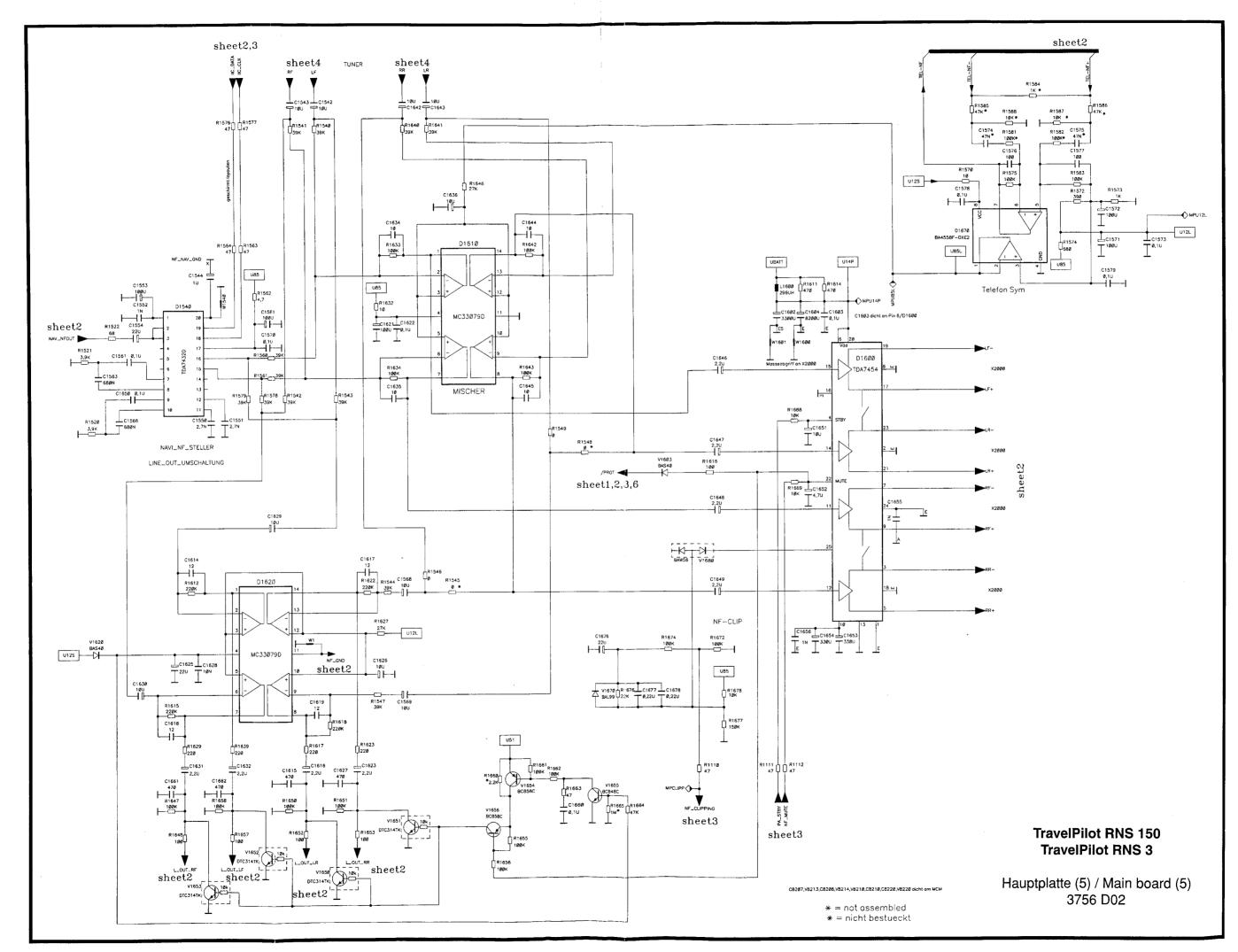
Spannungsversorgung

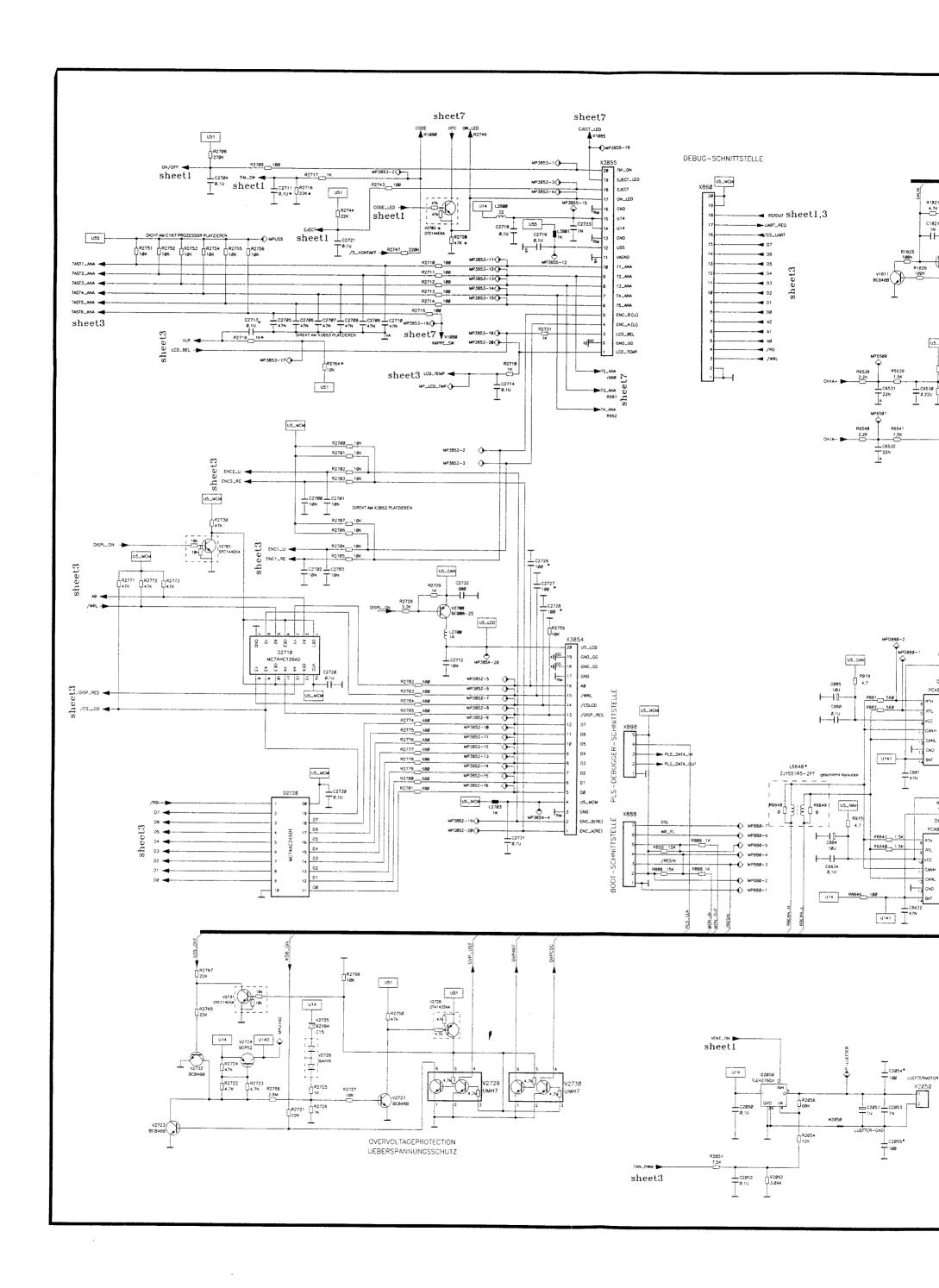


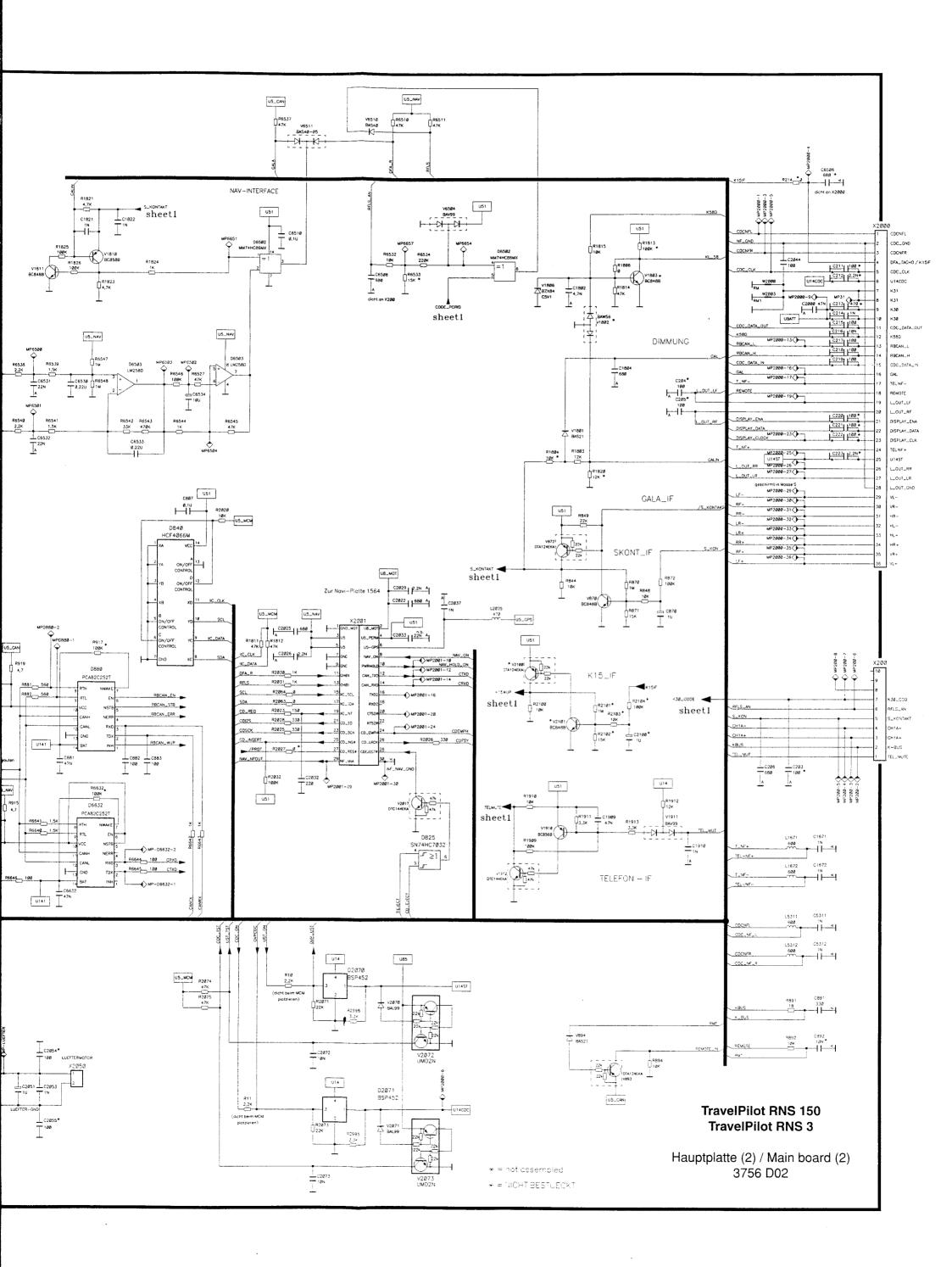
RNS 150 / RNS 3 SPI-BUS (Serial Periphery Interface)

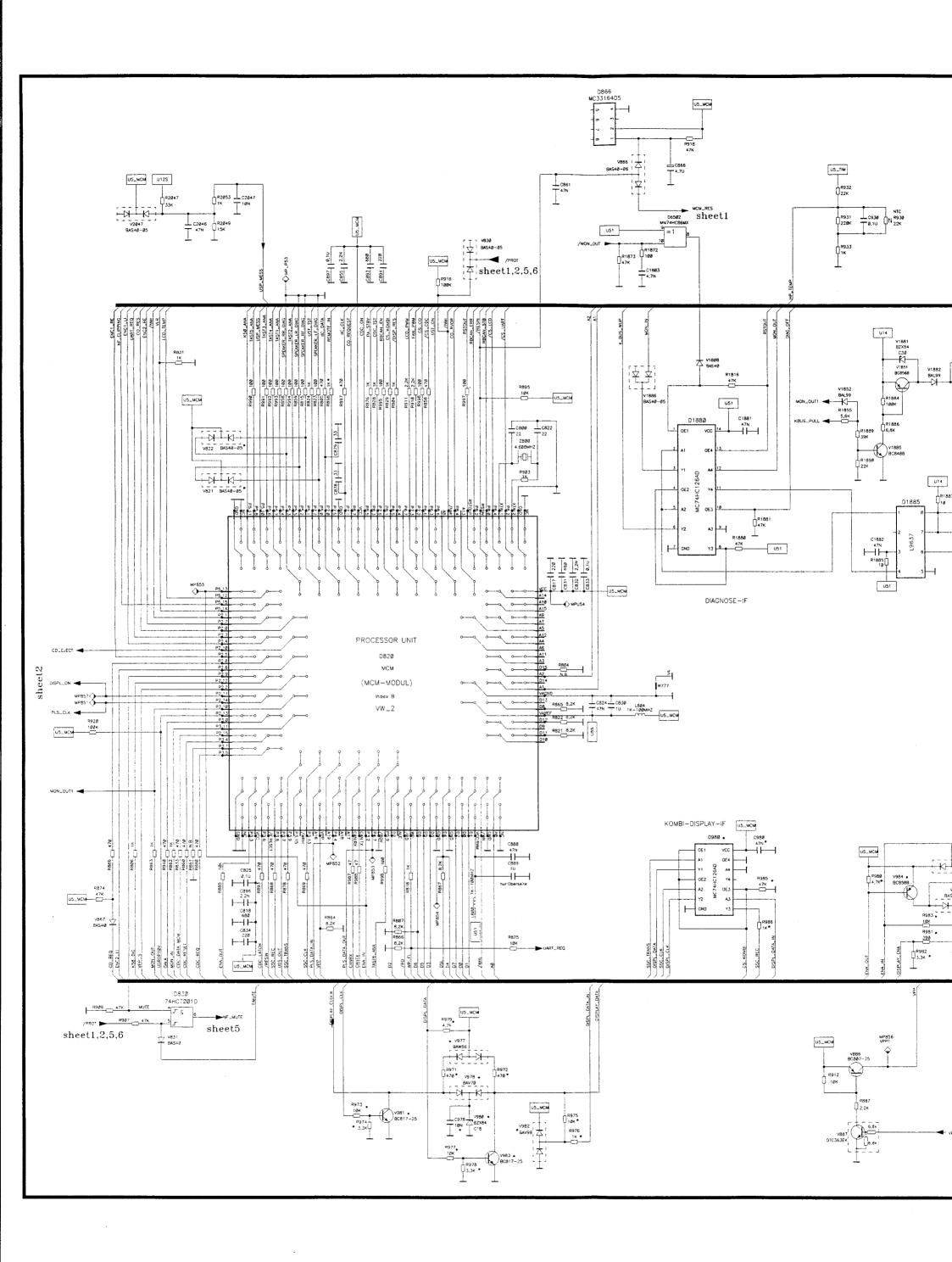


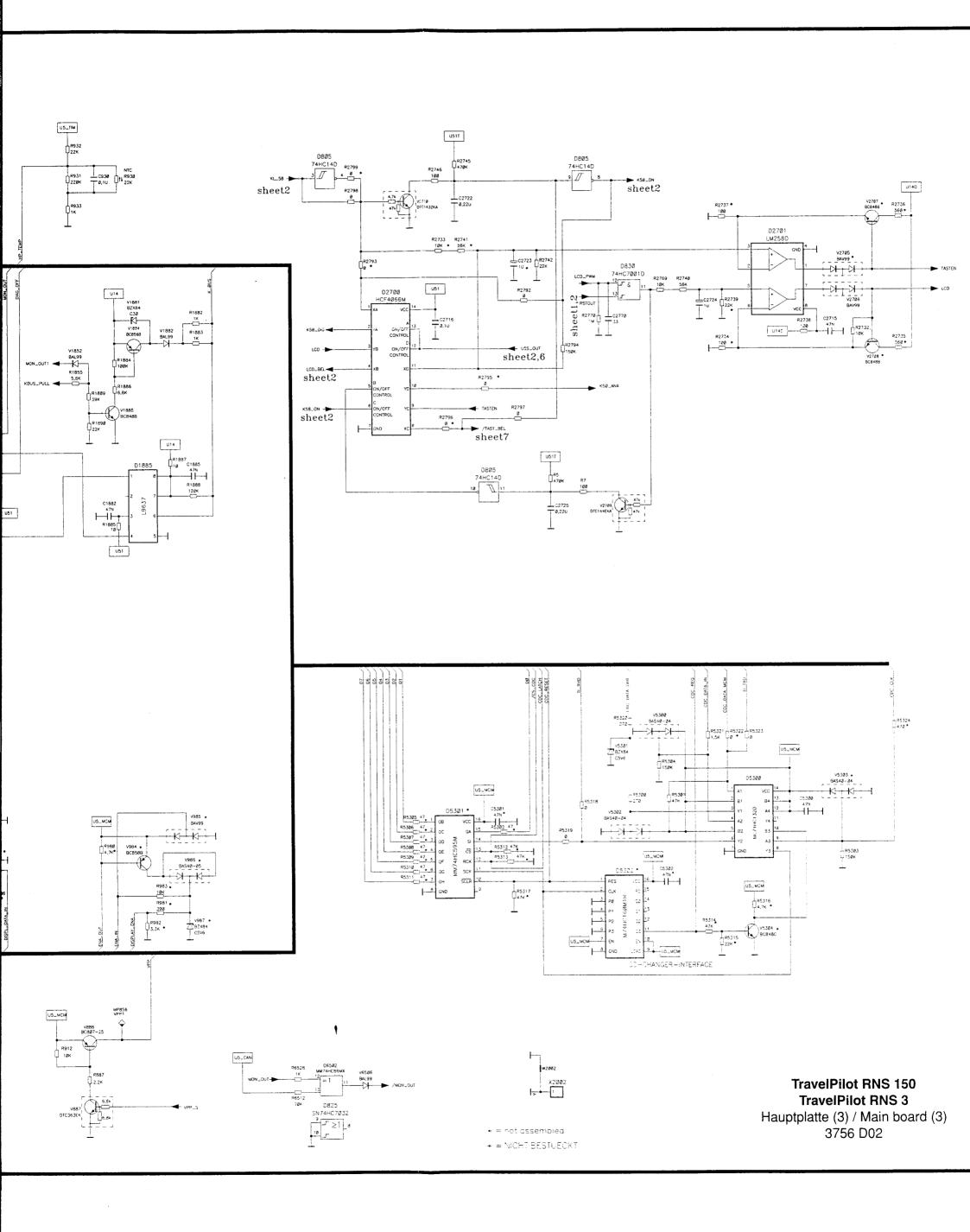


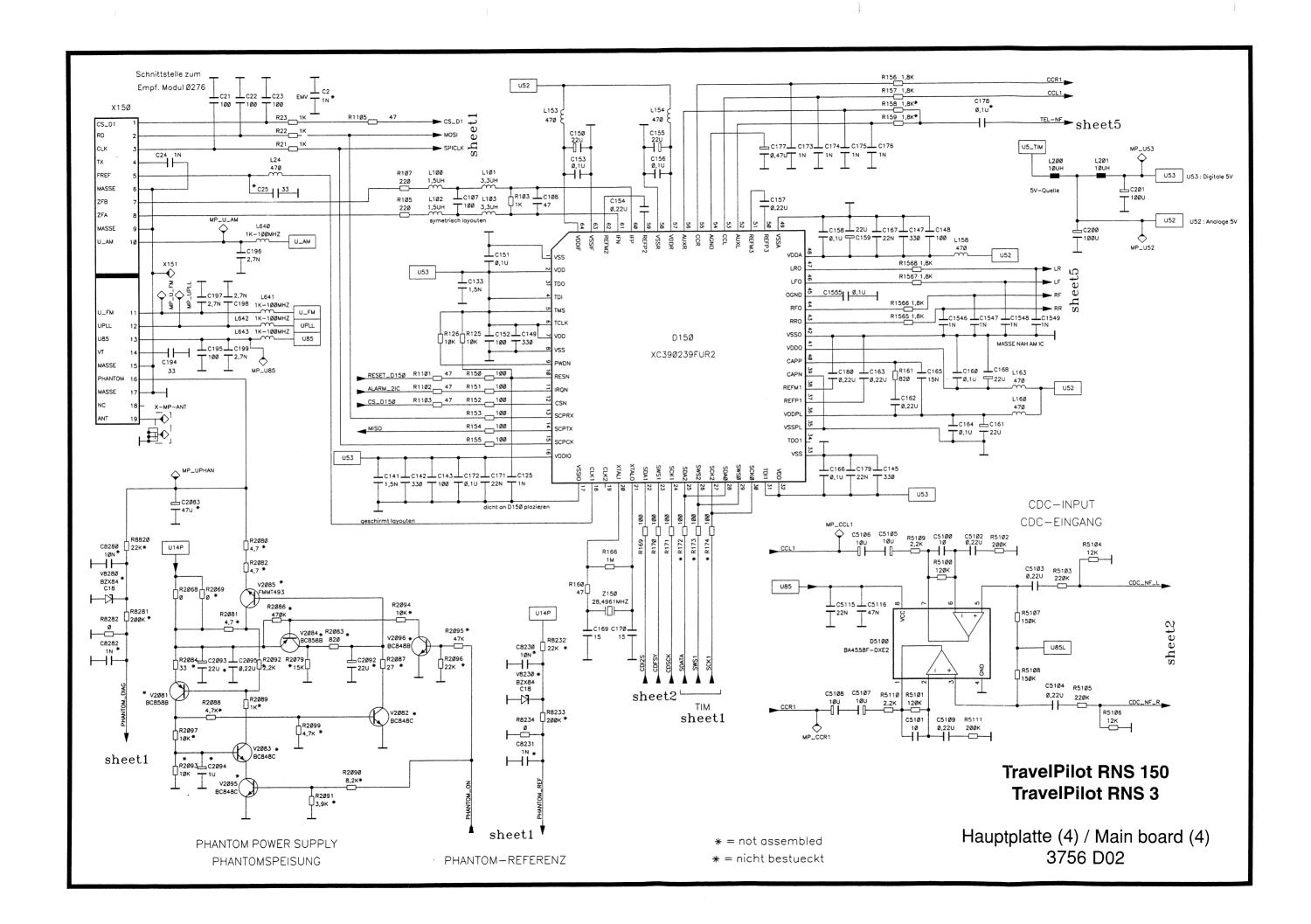


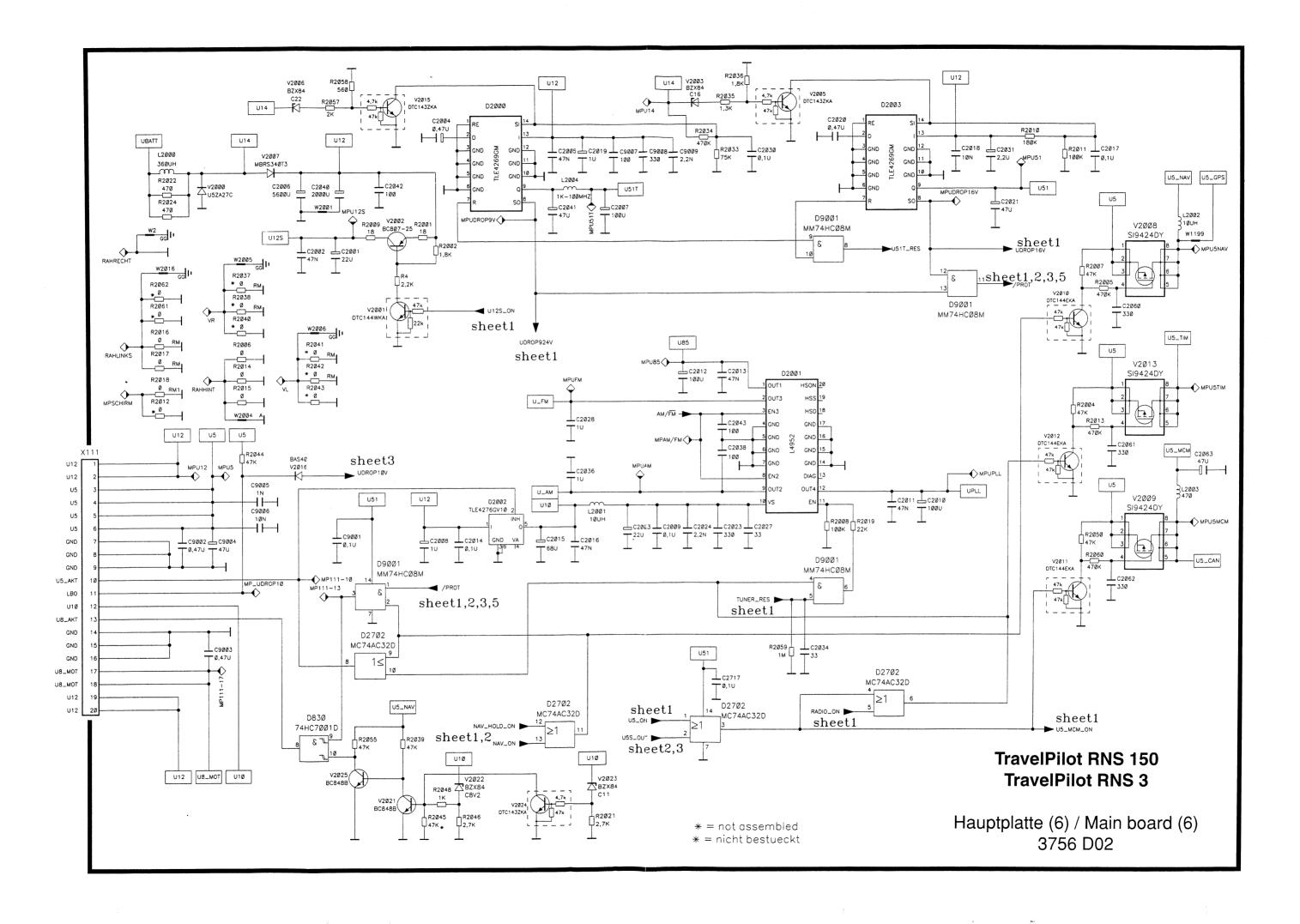


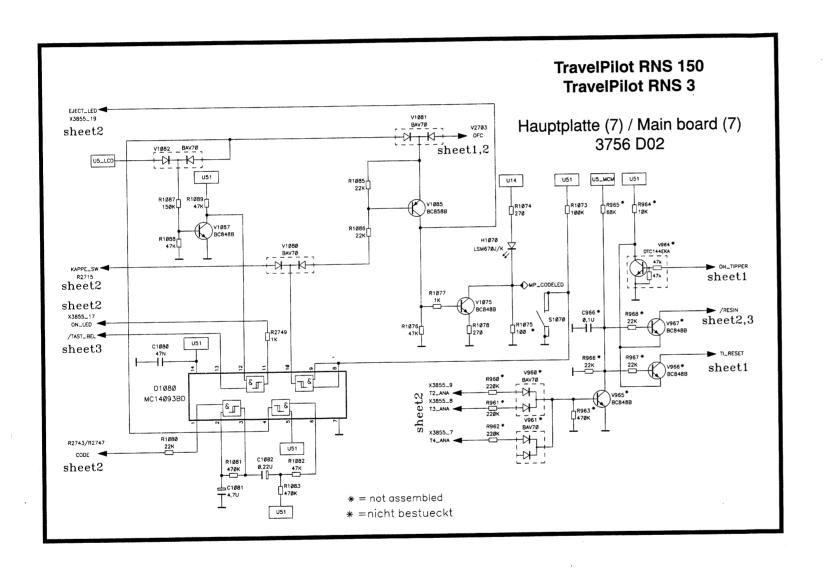




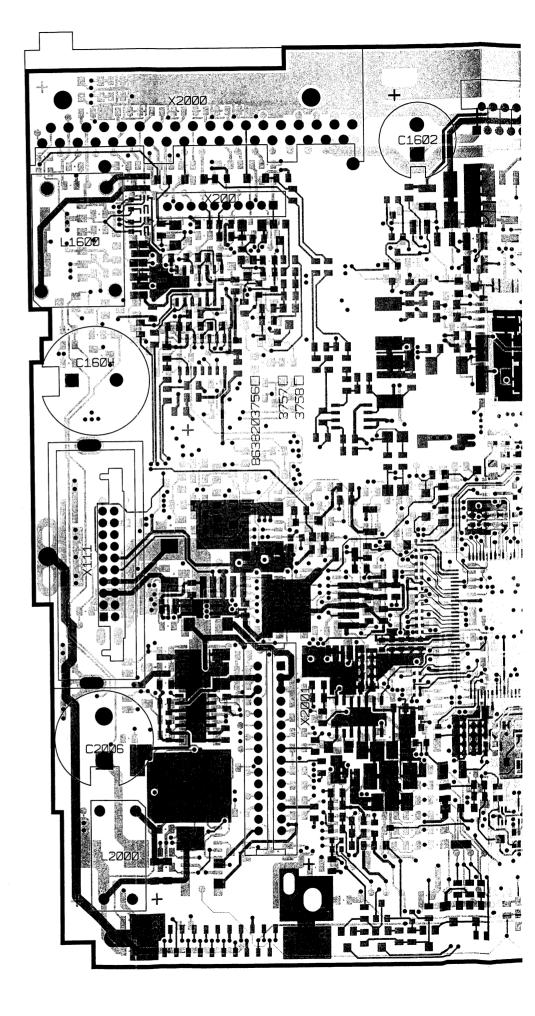






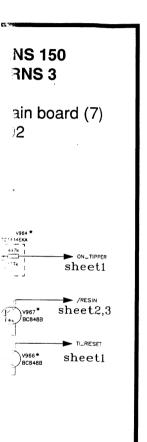


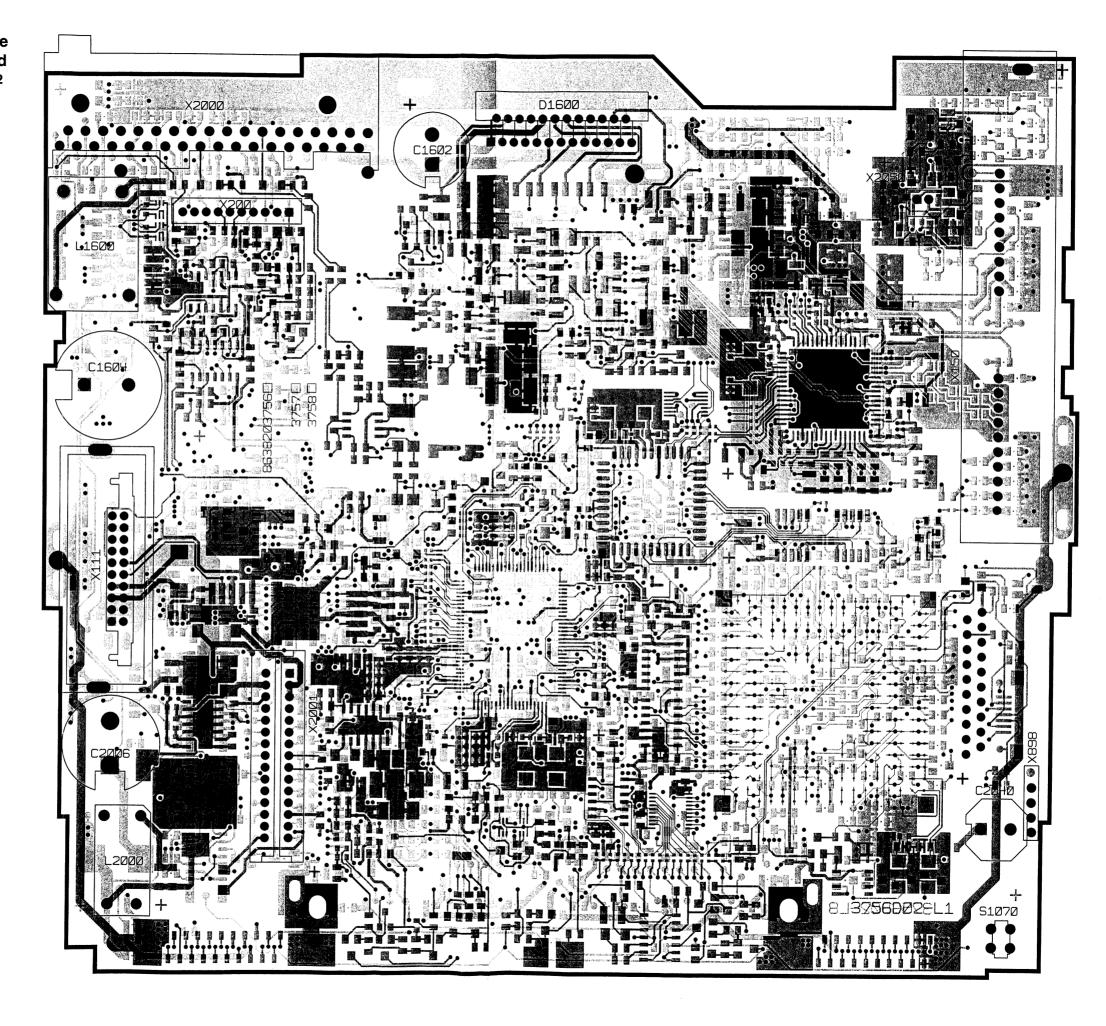
Hauptplatte
Main board
PL 3756 D02



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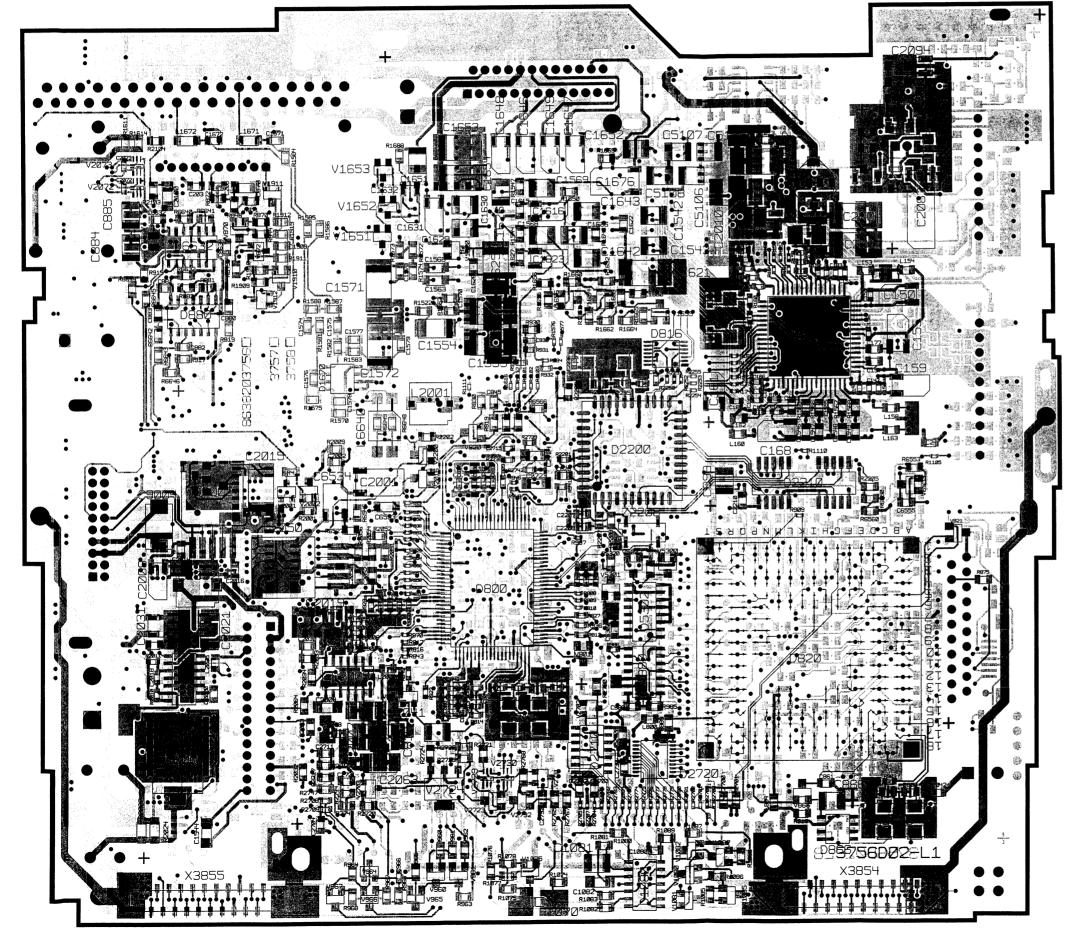
Hauptplatte Main board PL 3756 D02

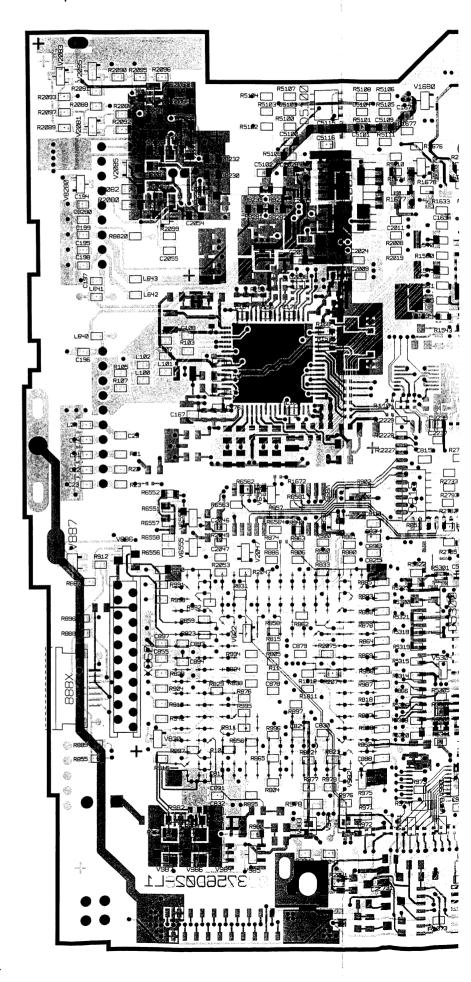




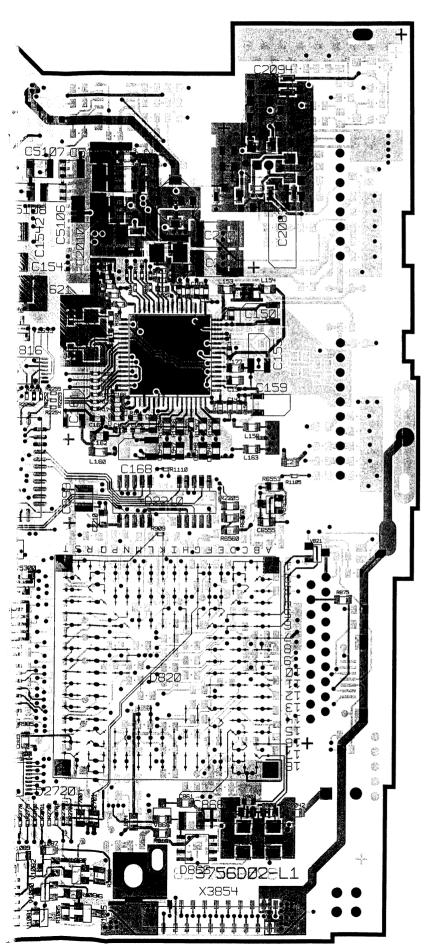


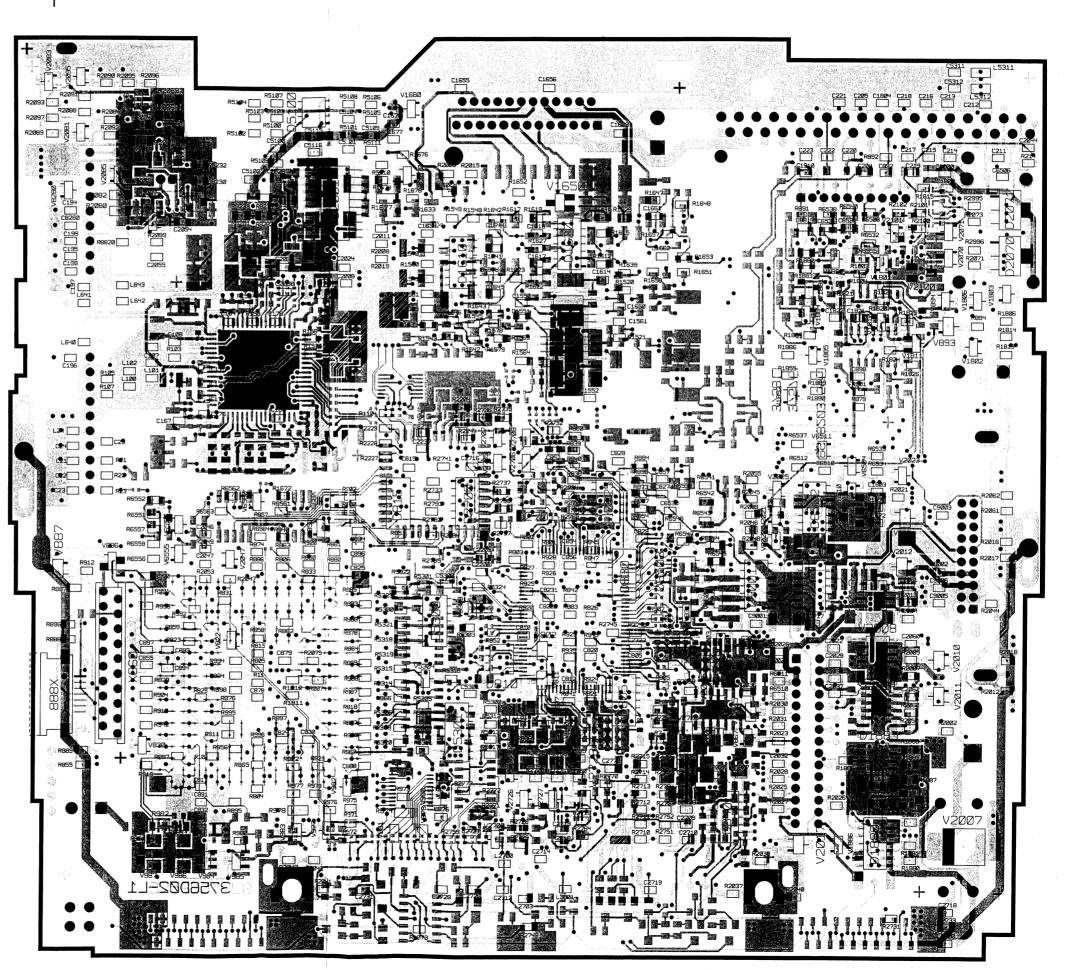


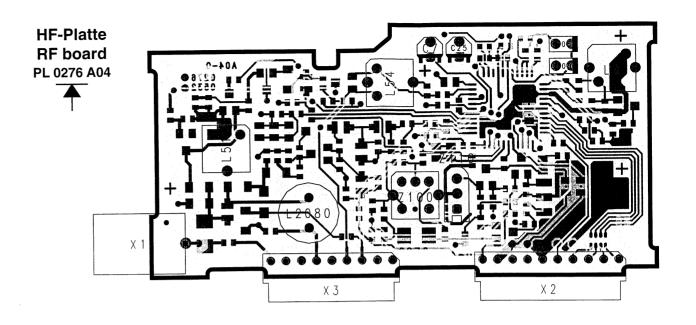




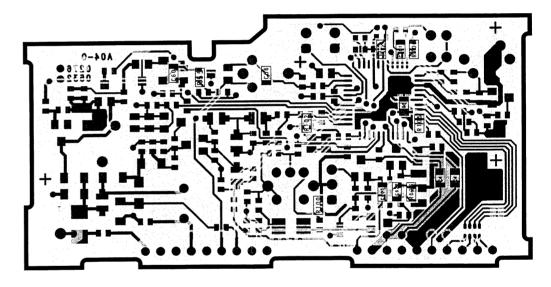
Hauptplatte
Main board
PL 3756 D02
B + Chip



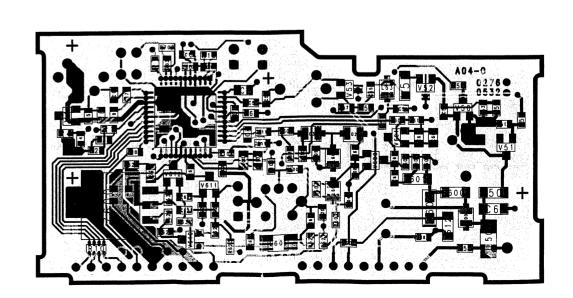


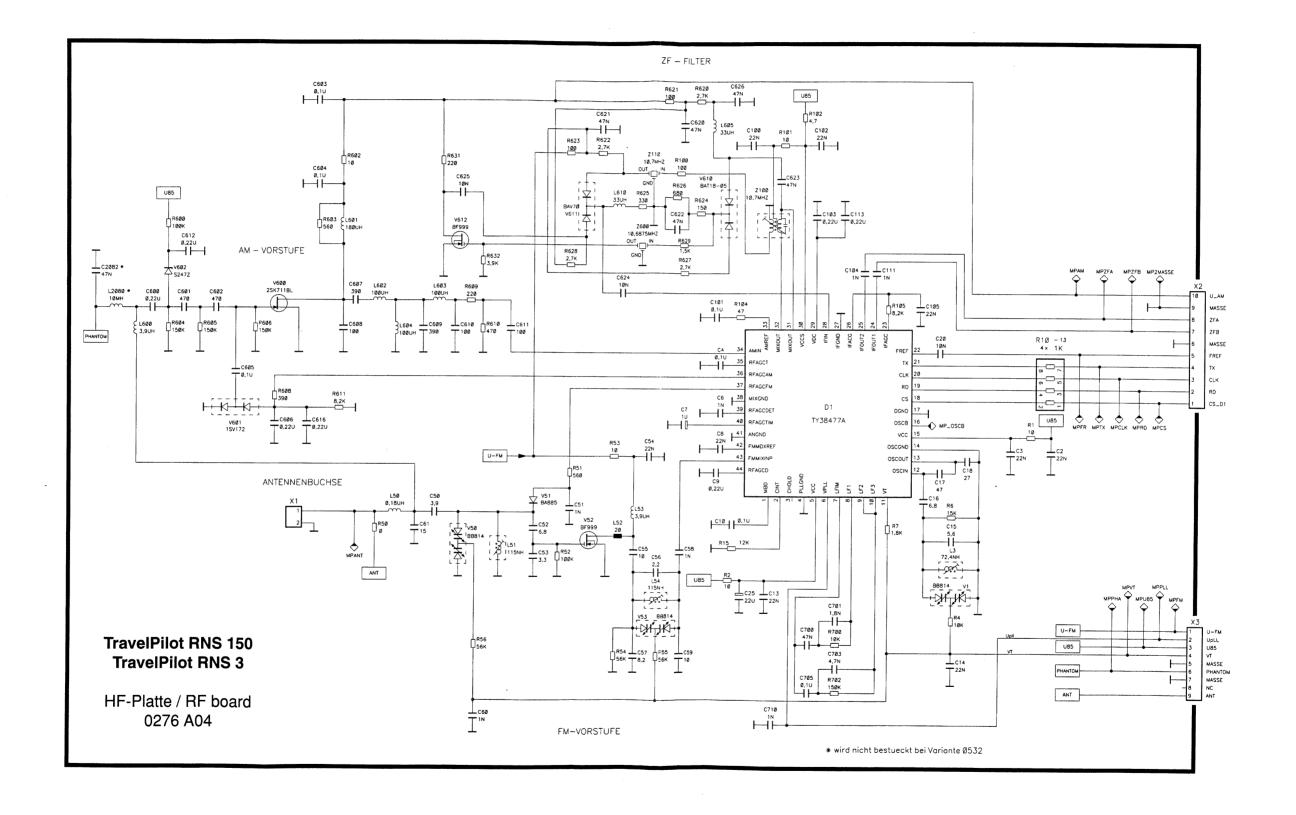






HF-Platte RF board PL 0276 A04 Chip

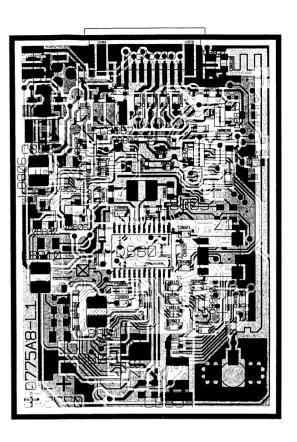




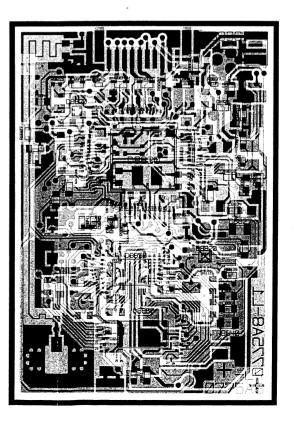
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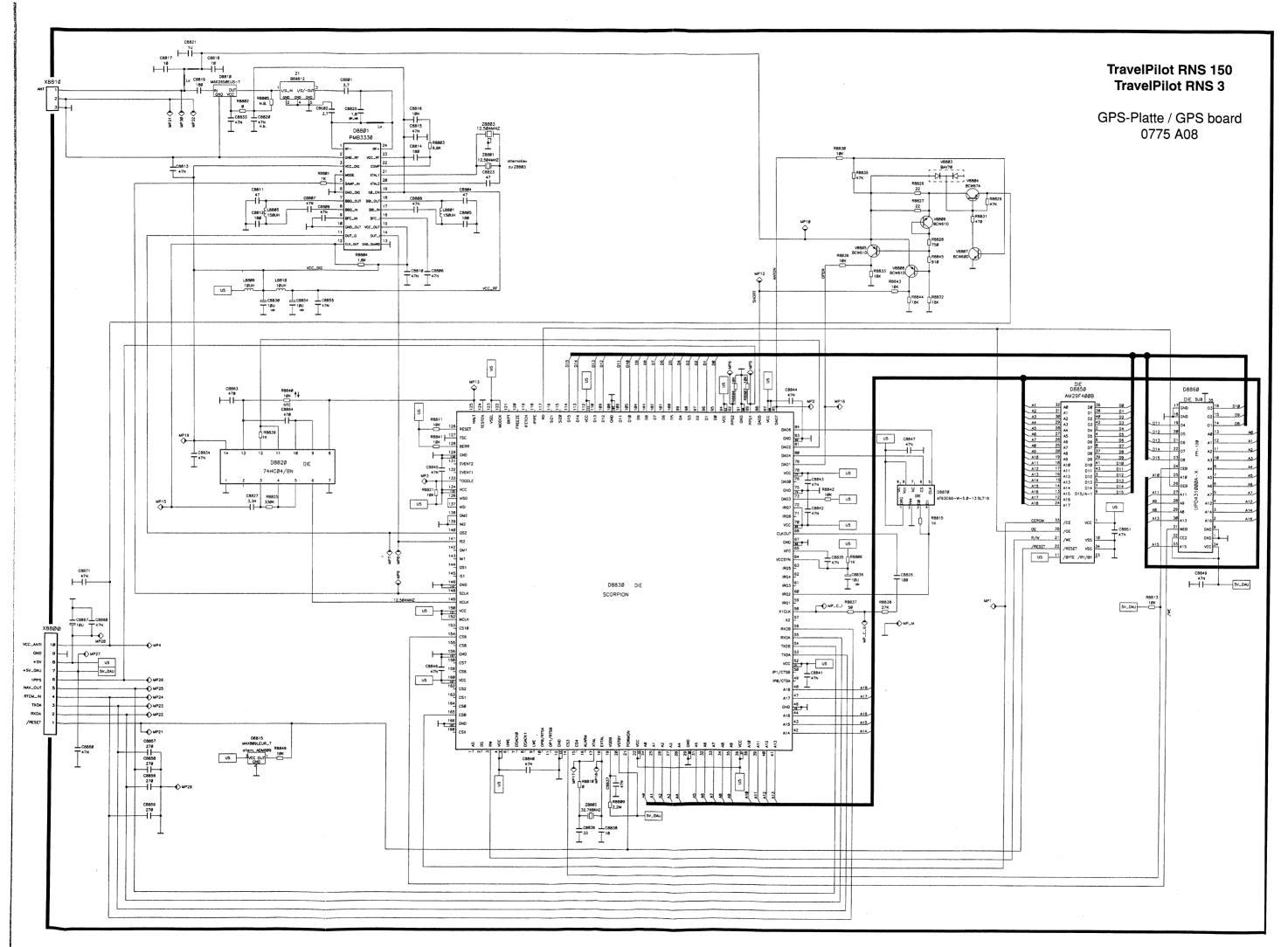
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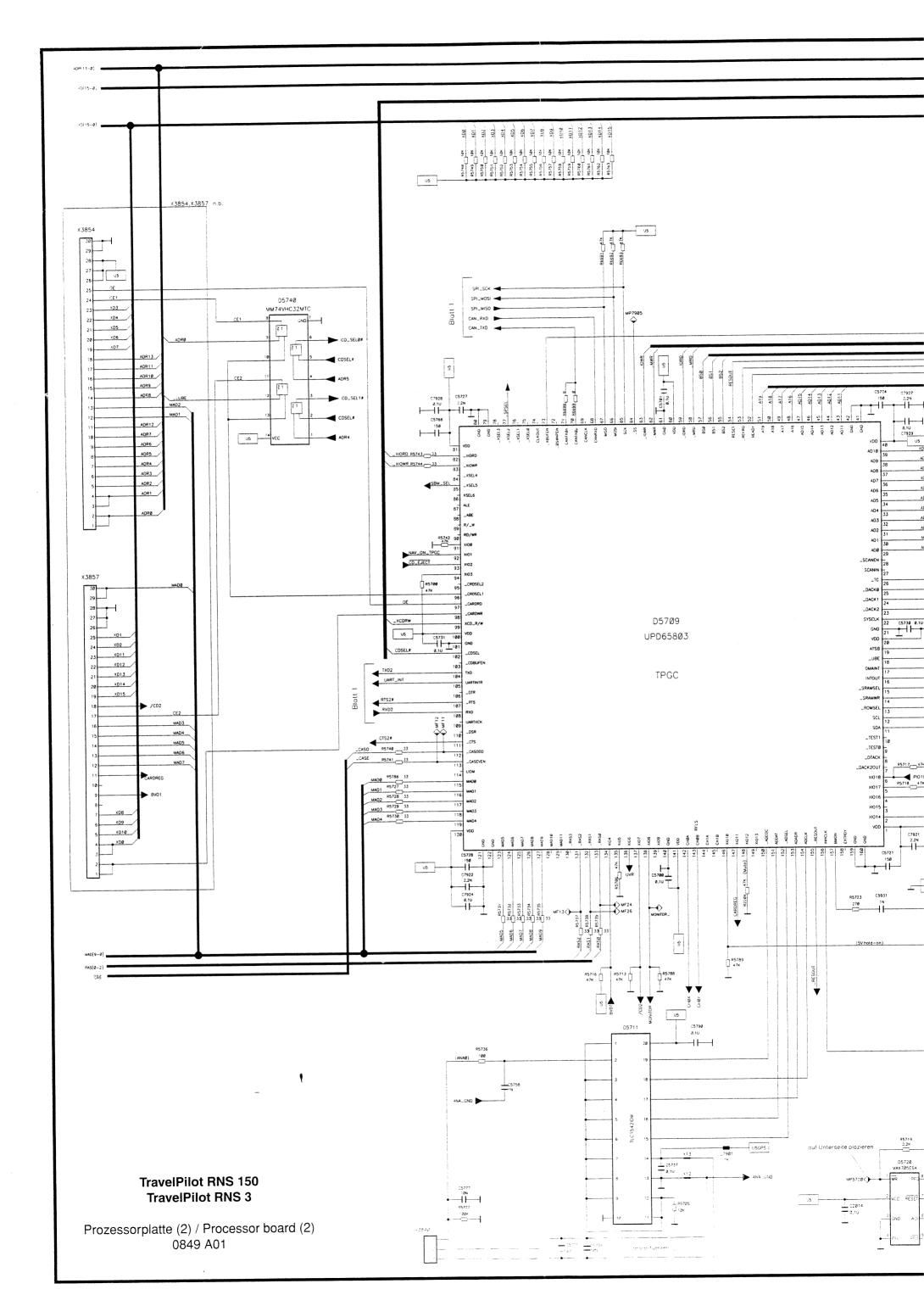
GPS-Platte GPS board PL 0775 A08 Chip

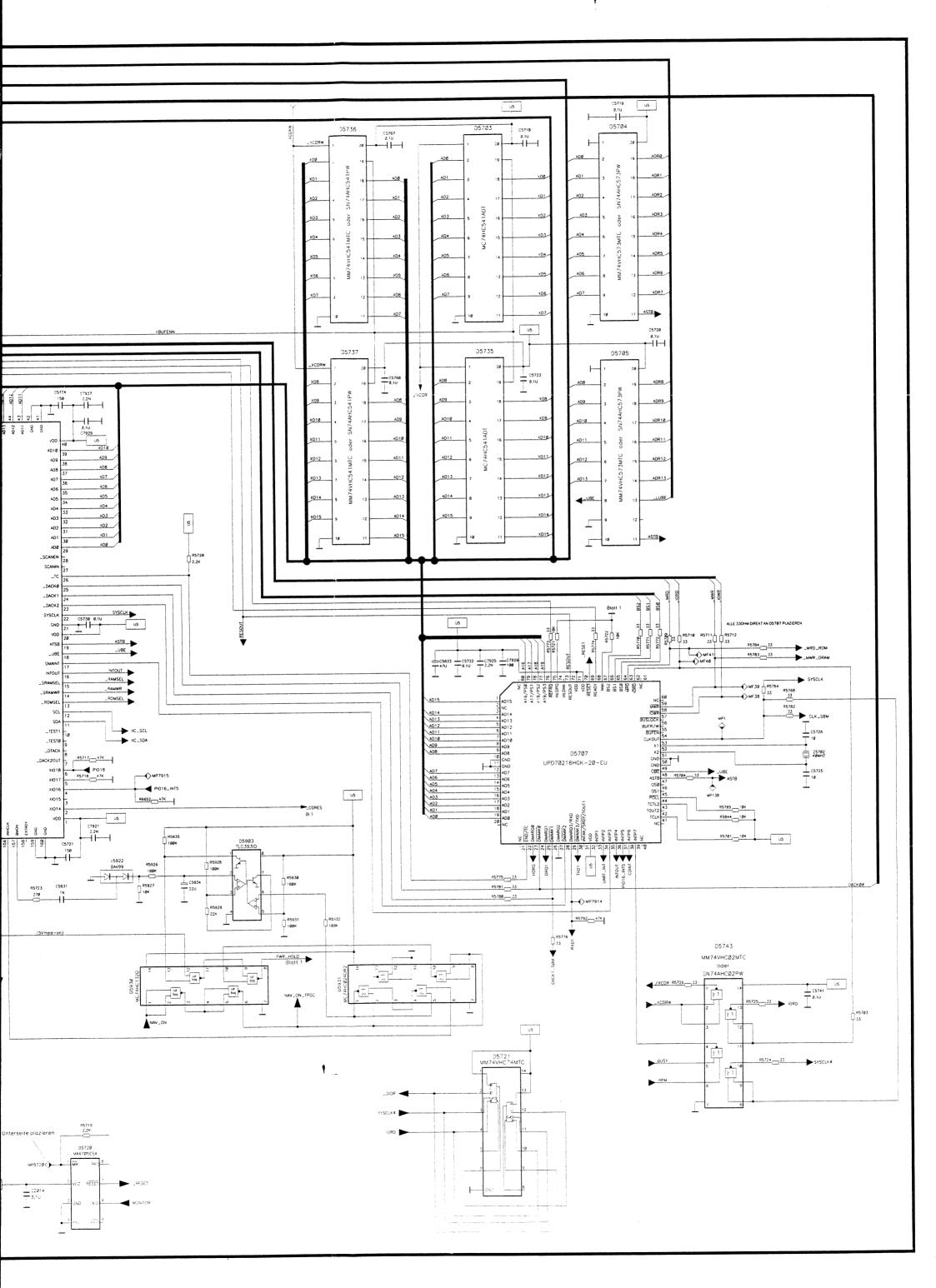


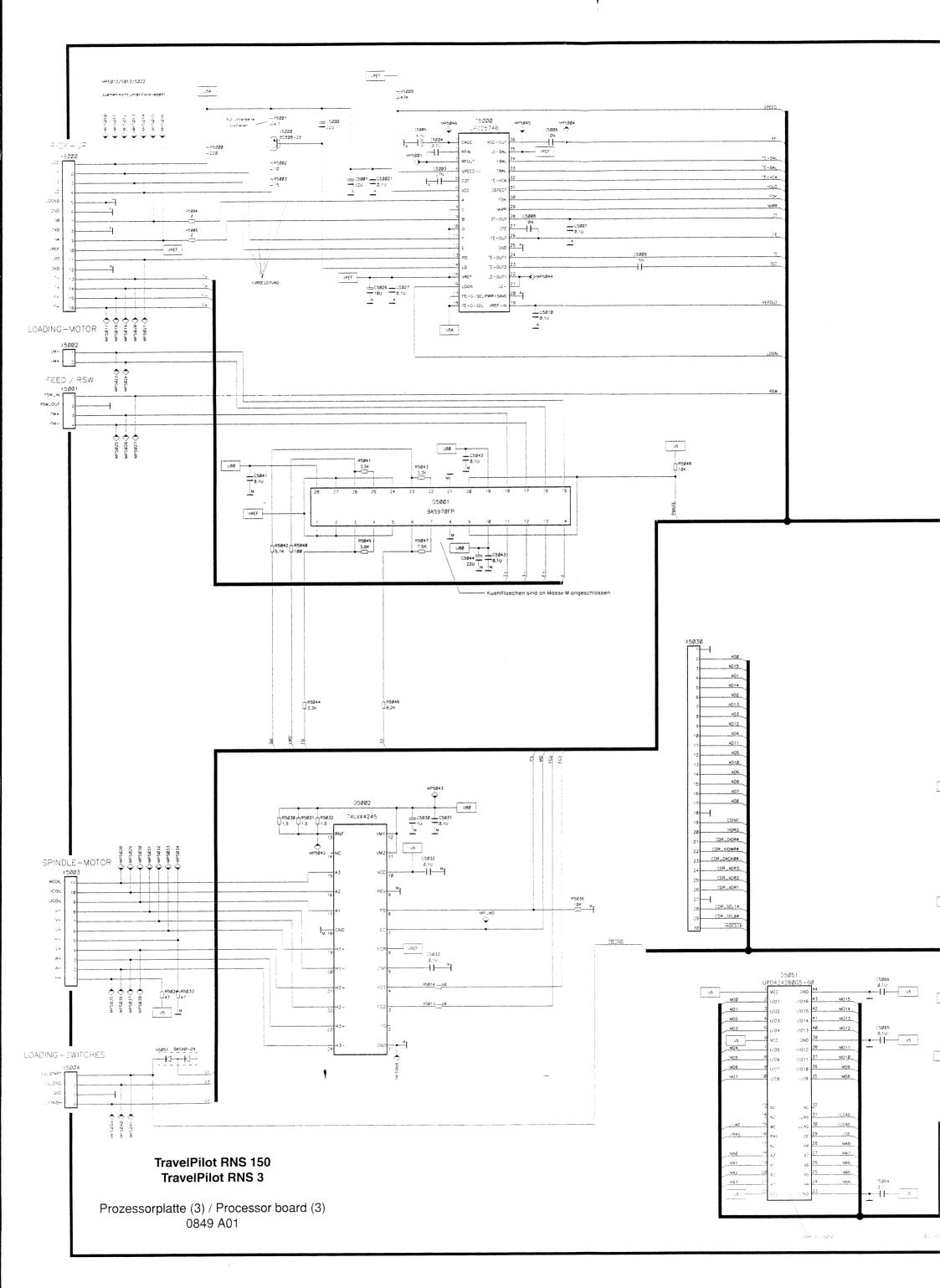
GPS-Platte GPS board PL 0775 A08 Chip

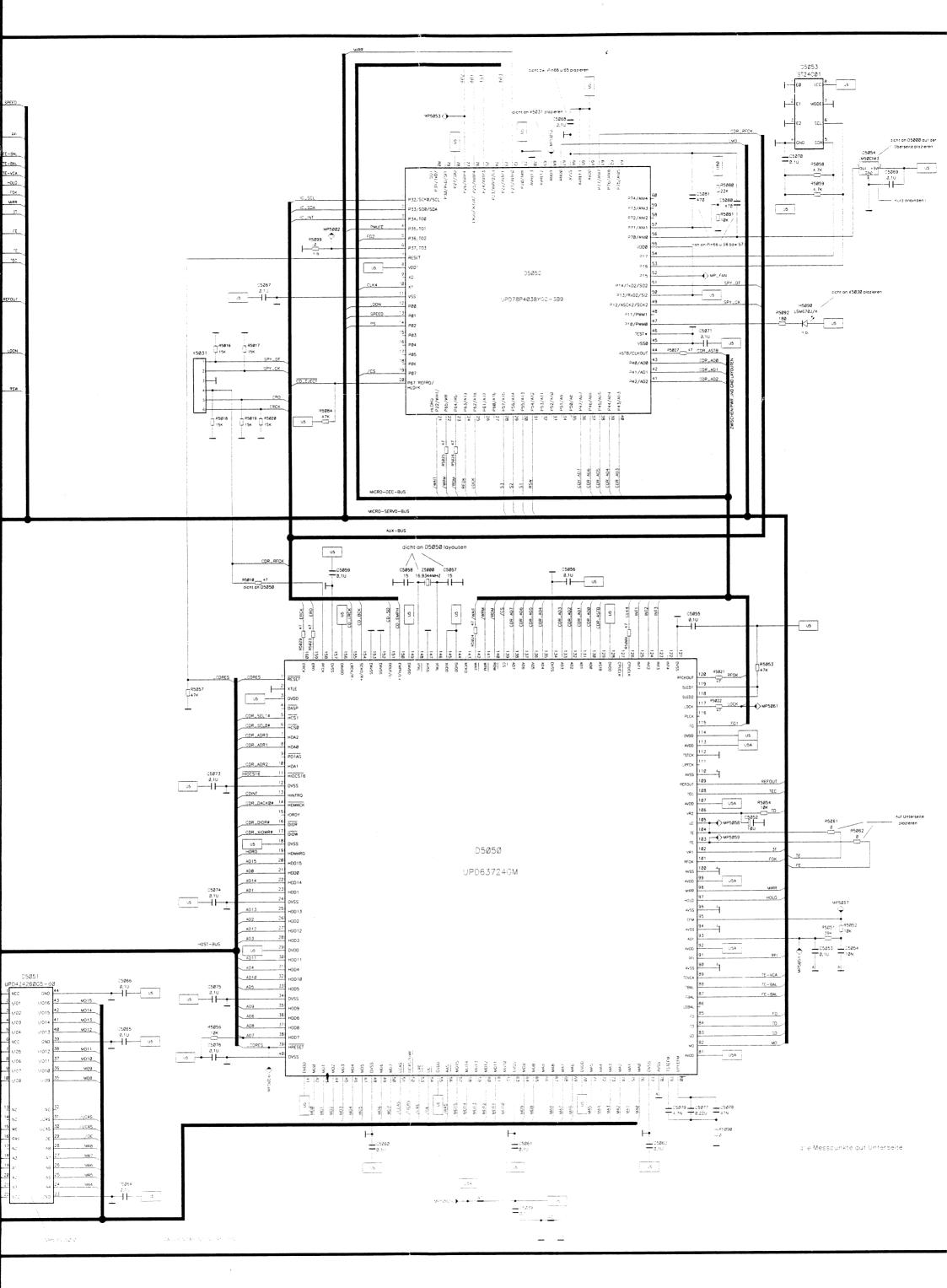


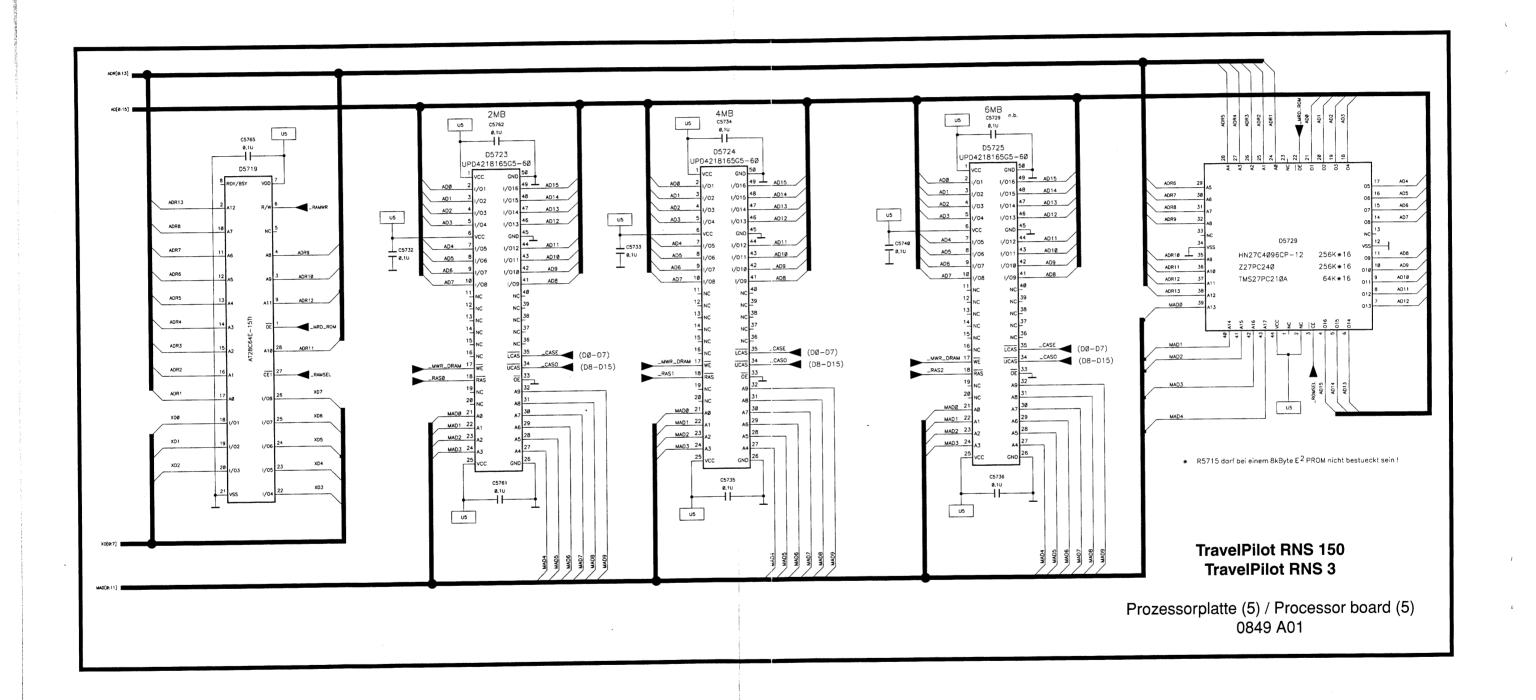






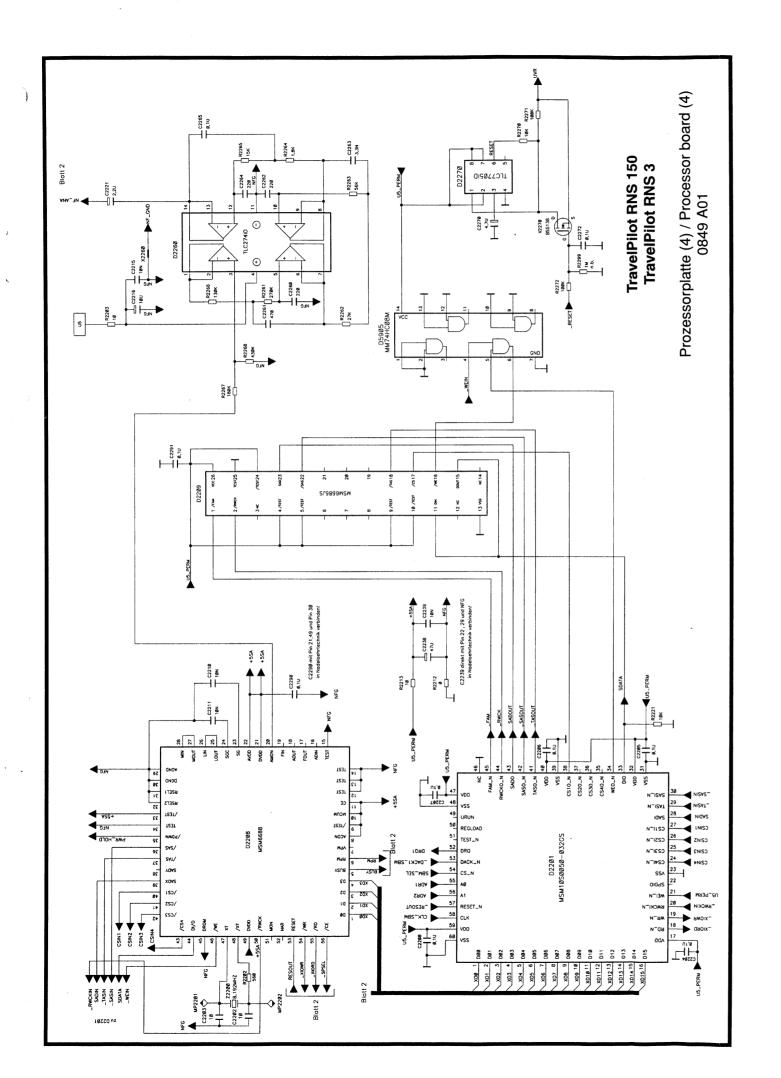


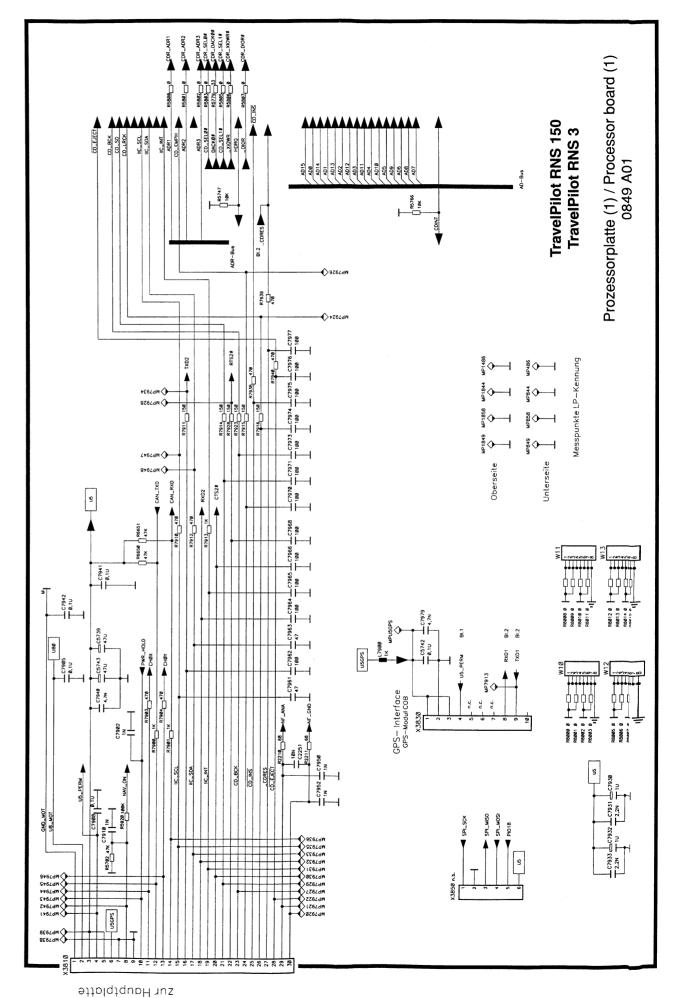




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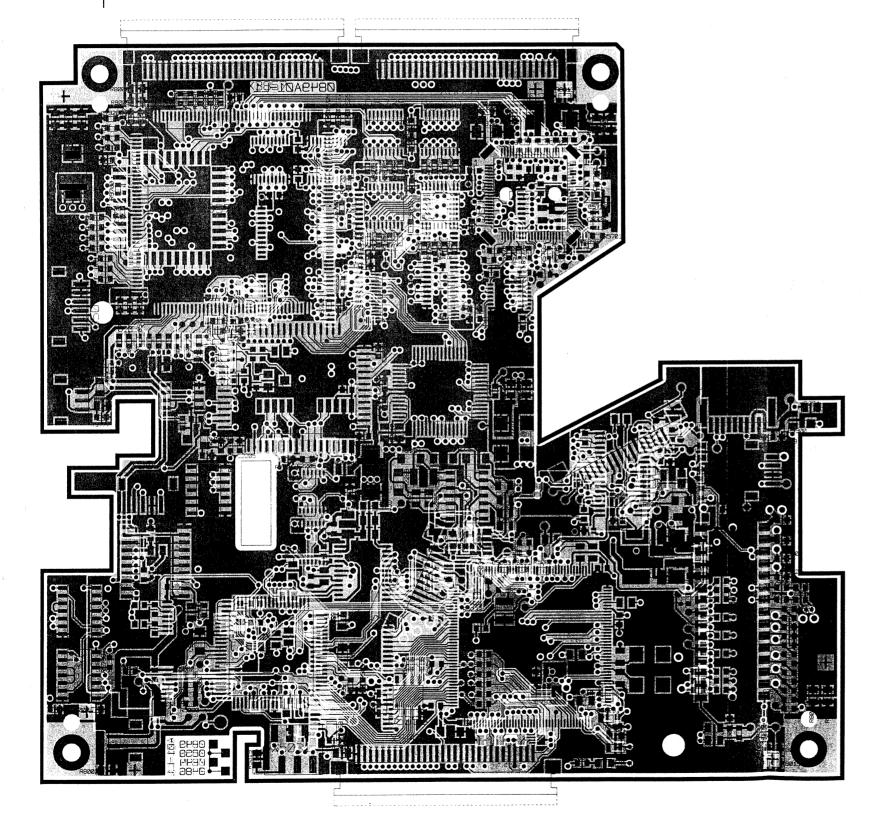
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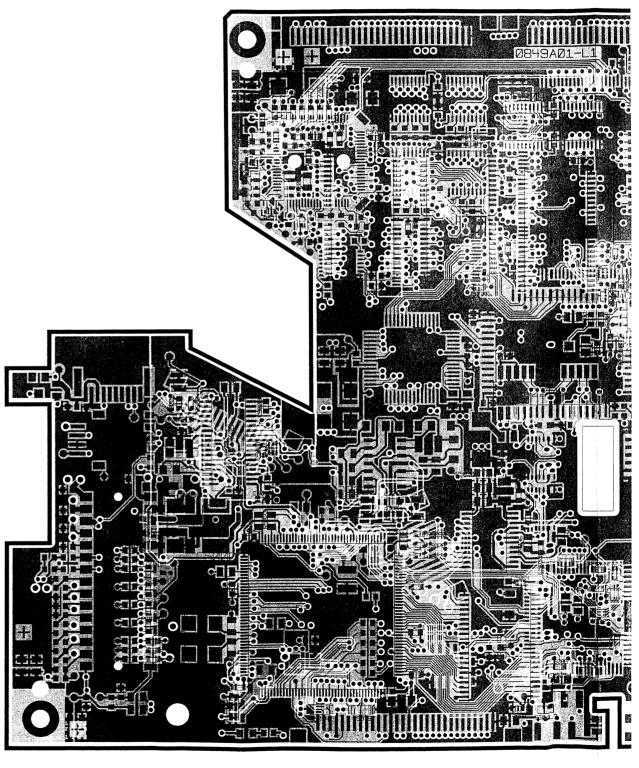




Prozessor-Platte
Processor board
PL 0849 A01
Chip

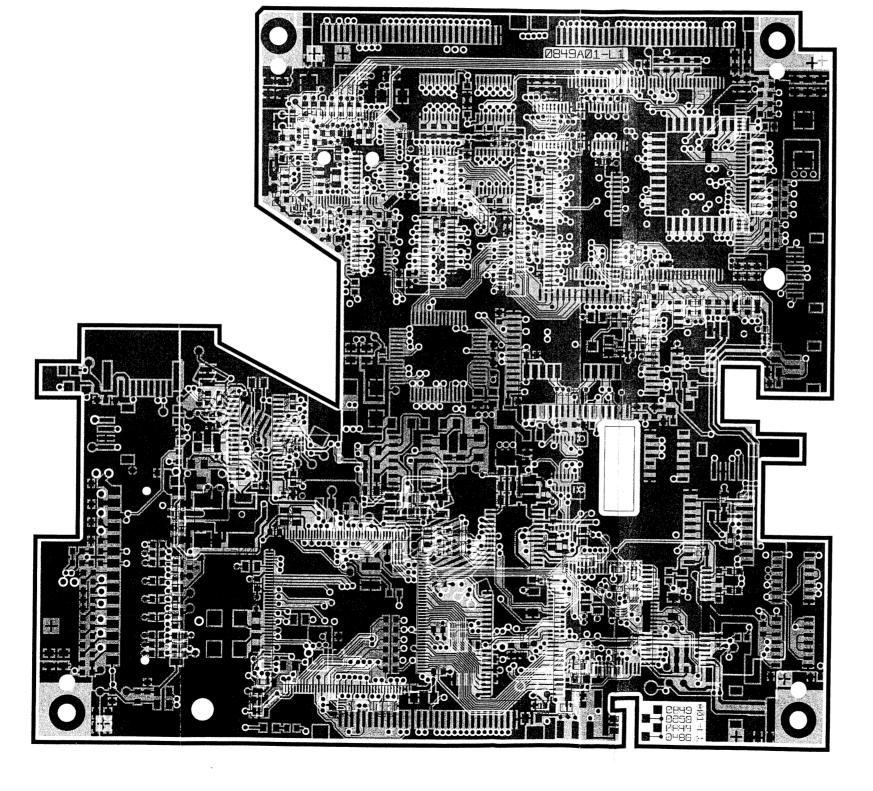


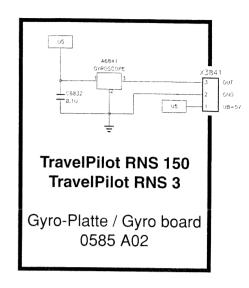




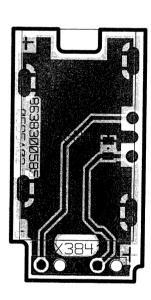
Prozessor-Platte
Processor board
PL 0849 A01
Chip



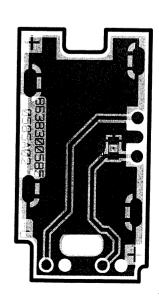




Gyro-Platte Gyro board PL 0585 A02

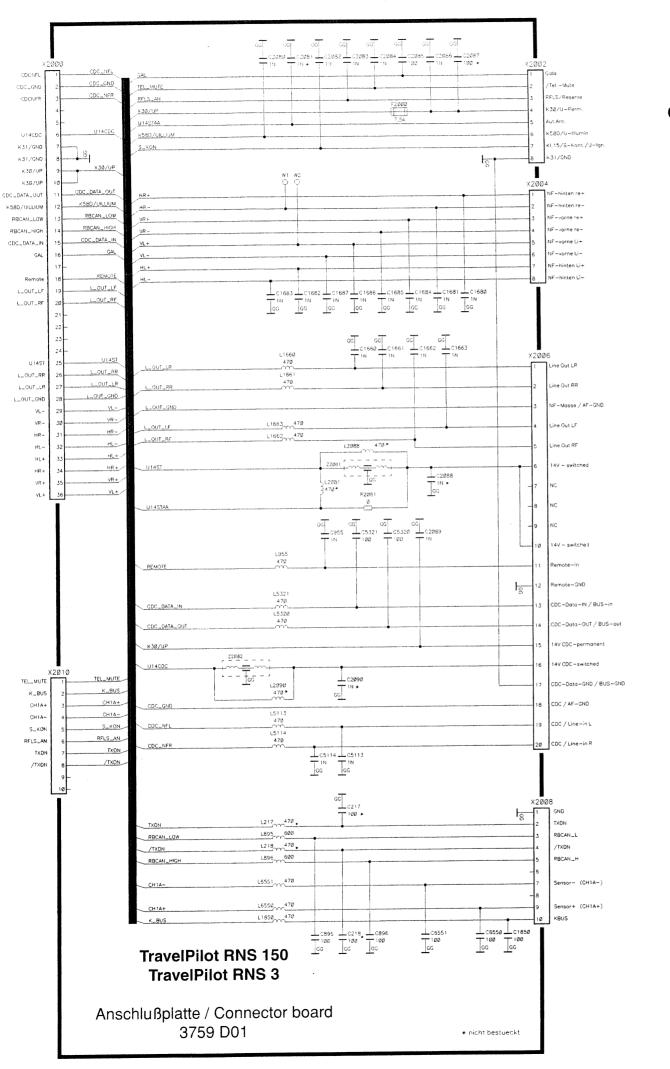


Gyro-Platte Gyro board PL 0585 A02 Chip



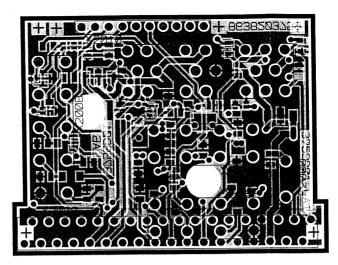
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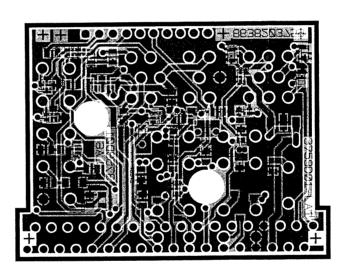
Anschlussplatte Connector board PL 3759 D01



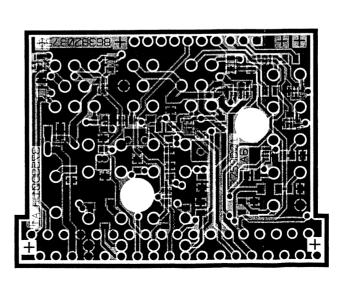


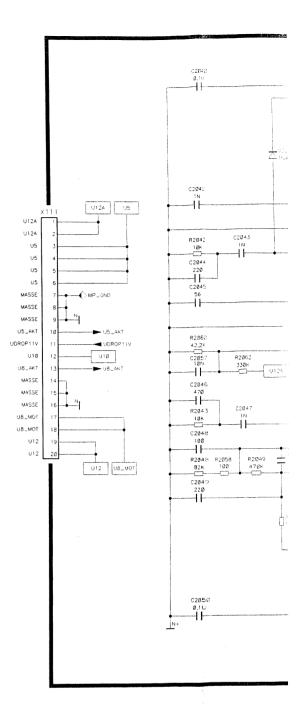
Anschlussplatte Connector board PL 3759 D01 Chip





Anschlussplatte Connector board PL 3759 D01 Chip





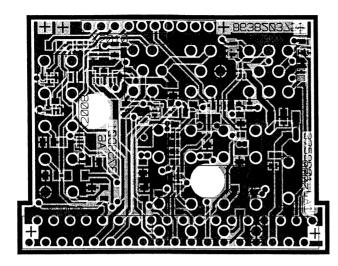
Netzteil Power board PL 0277 A13 Chip



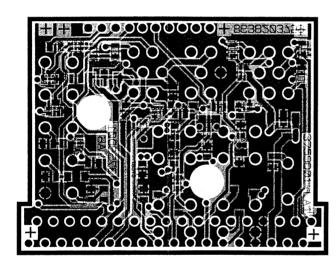


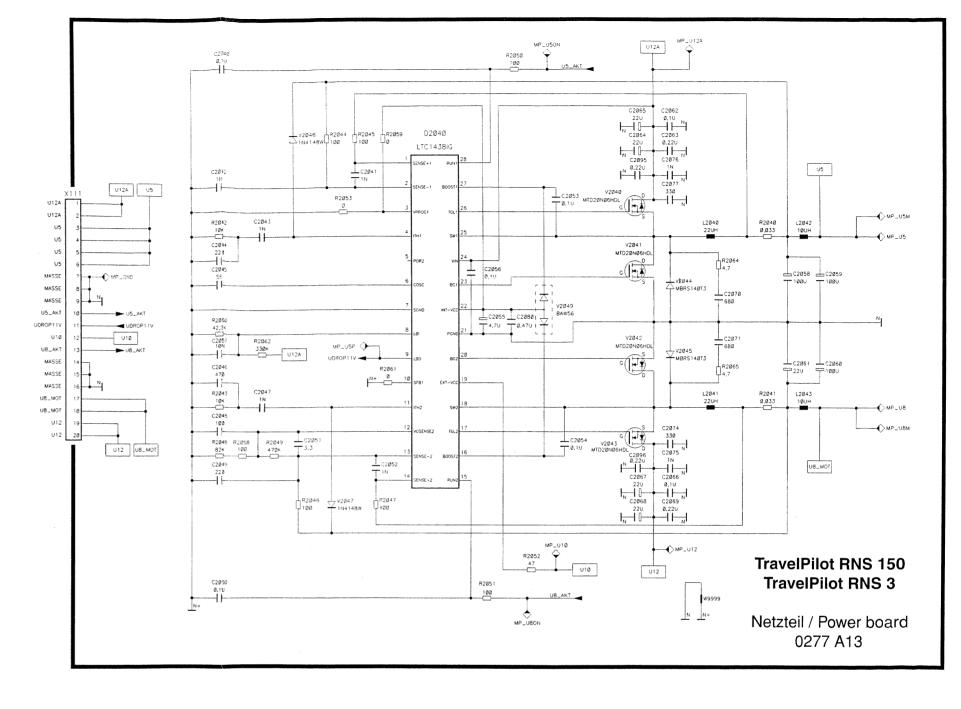
Anschlussplatte Connector board PL 3759 D01

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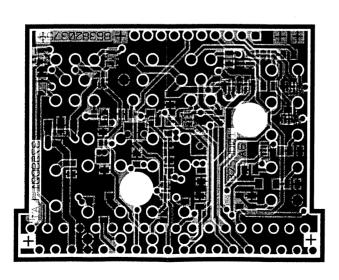


Anschlussplatte
Connector board
PL 3759 D01
Chip

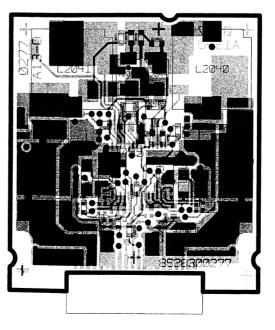




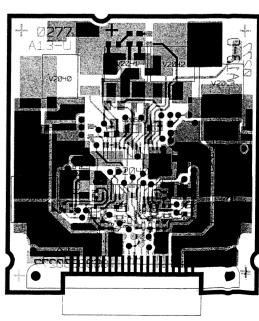
Anschlussplatte
Connector board
PL 3759 D01
Chip



Netzteil
Power board
PL 0277 A13
Chip

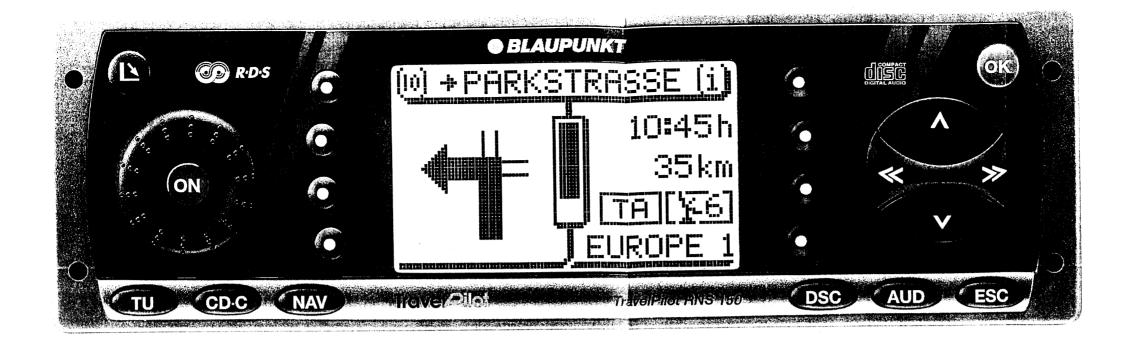


Netzteil Power board PL 0277 A13 Chip

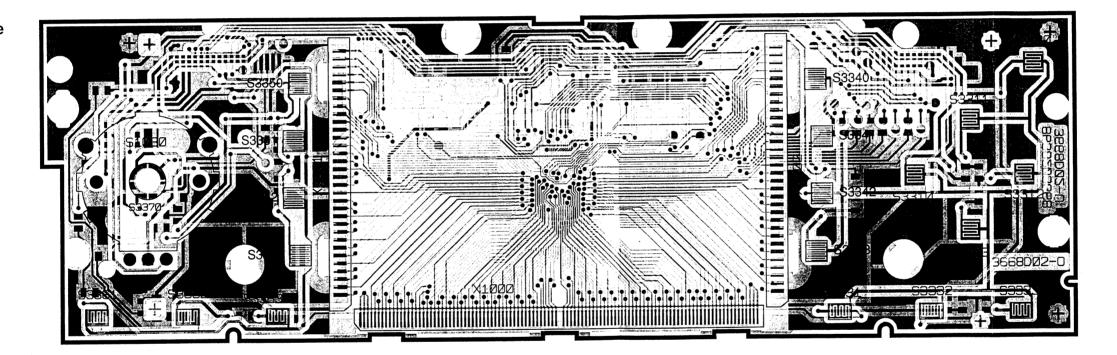


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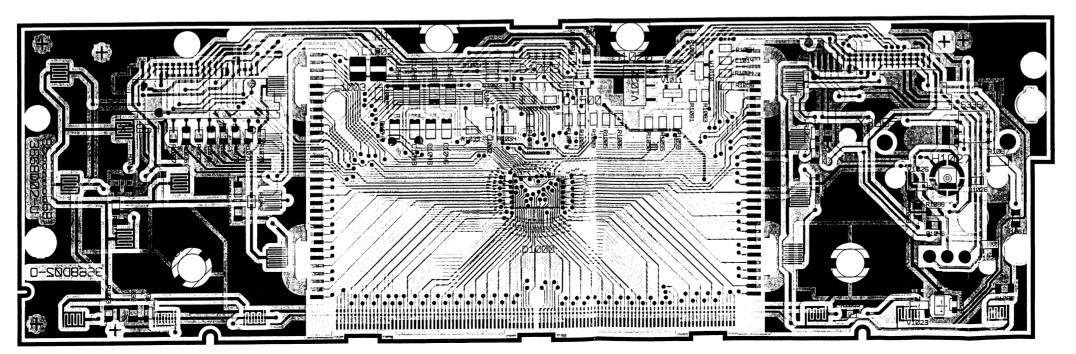
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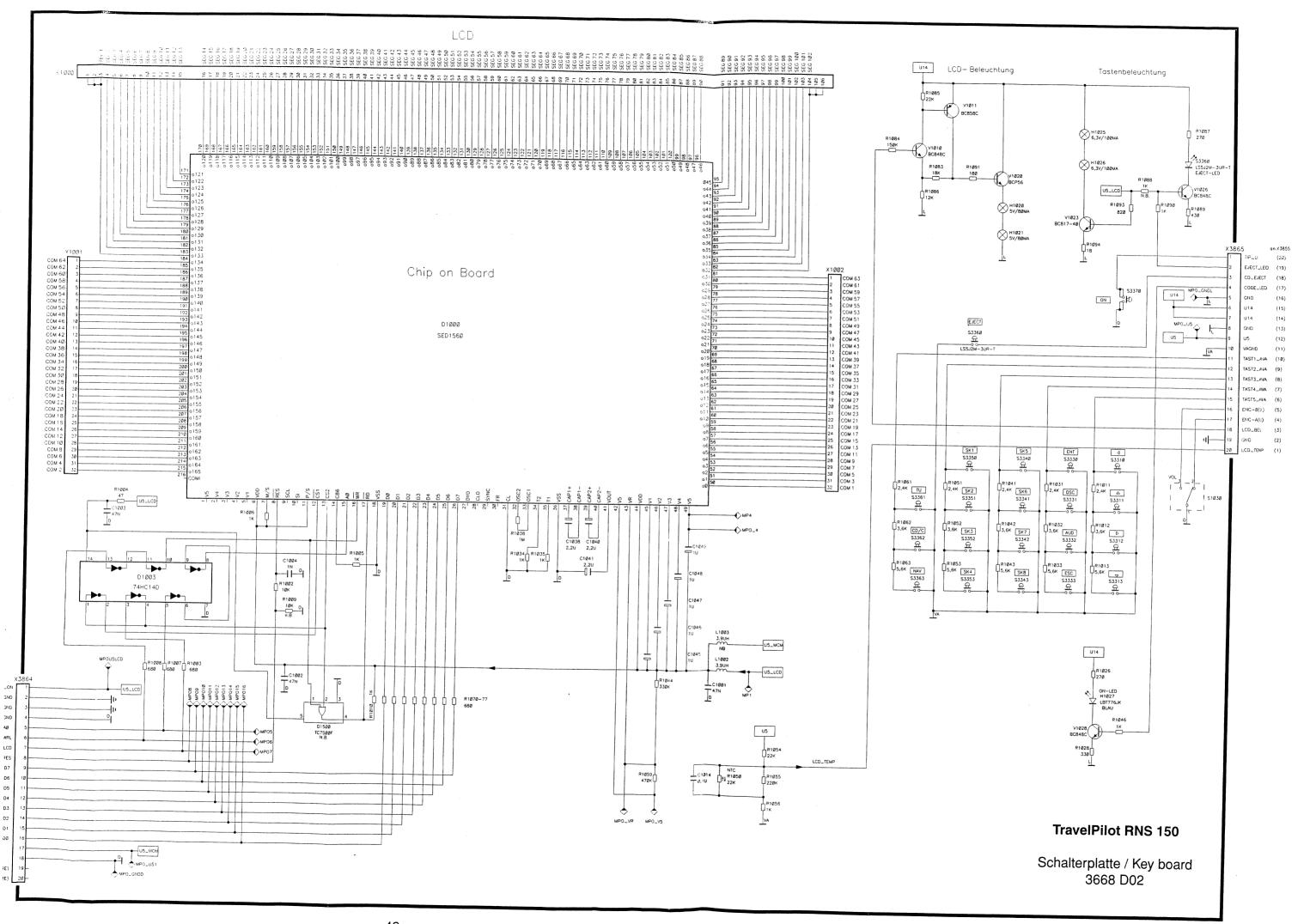
Schalterplatte Key board PL 3668 D02 B + Chip

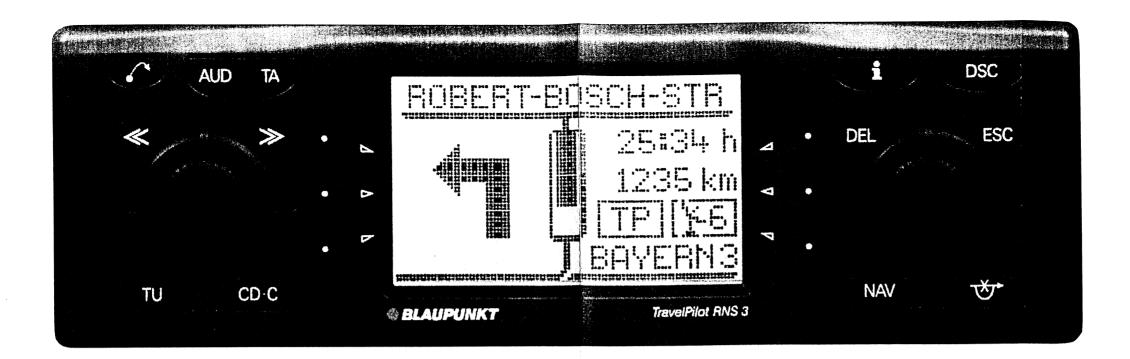


Schalterplatte
Key board
PL 3668 D02
Chip

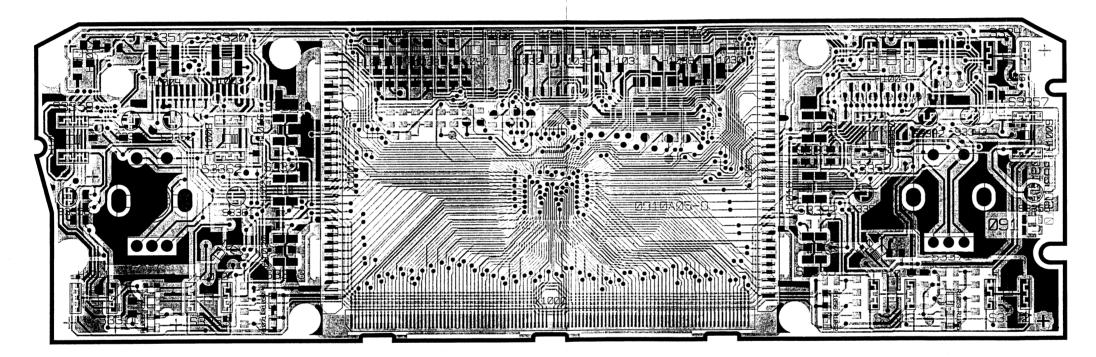


COM 62 COM 58 COM 56 COM 56 COM 56 COM 56 COM 50 COM 50 COM 50 COM 40 COM 40 COM 40 COM 40 COM 36 CO an X3854 (14) /CS_LC (2) ENC-B(RE

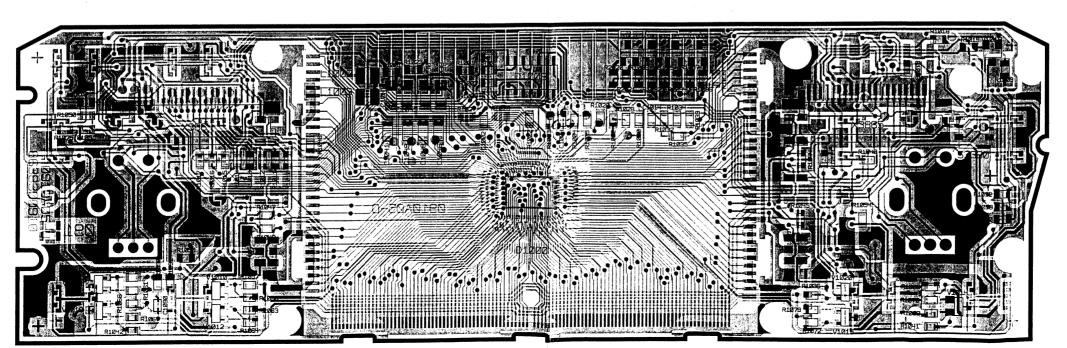


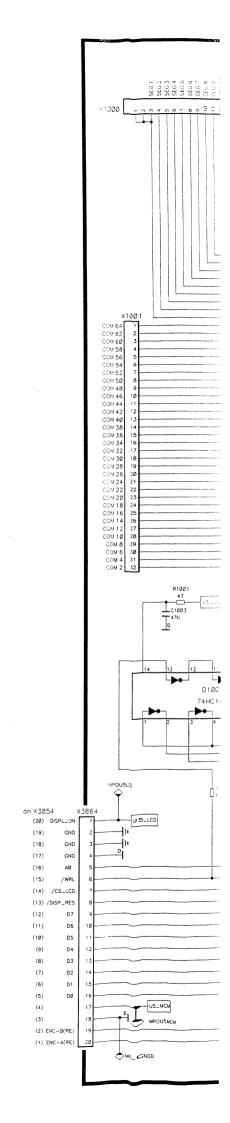


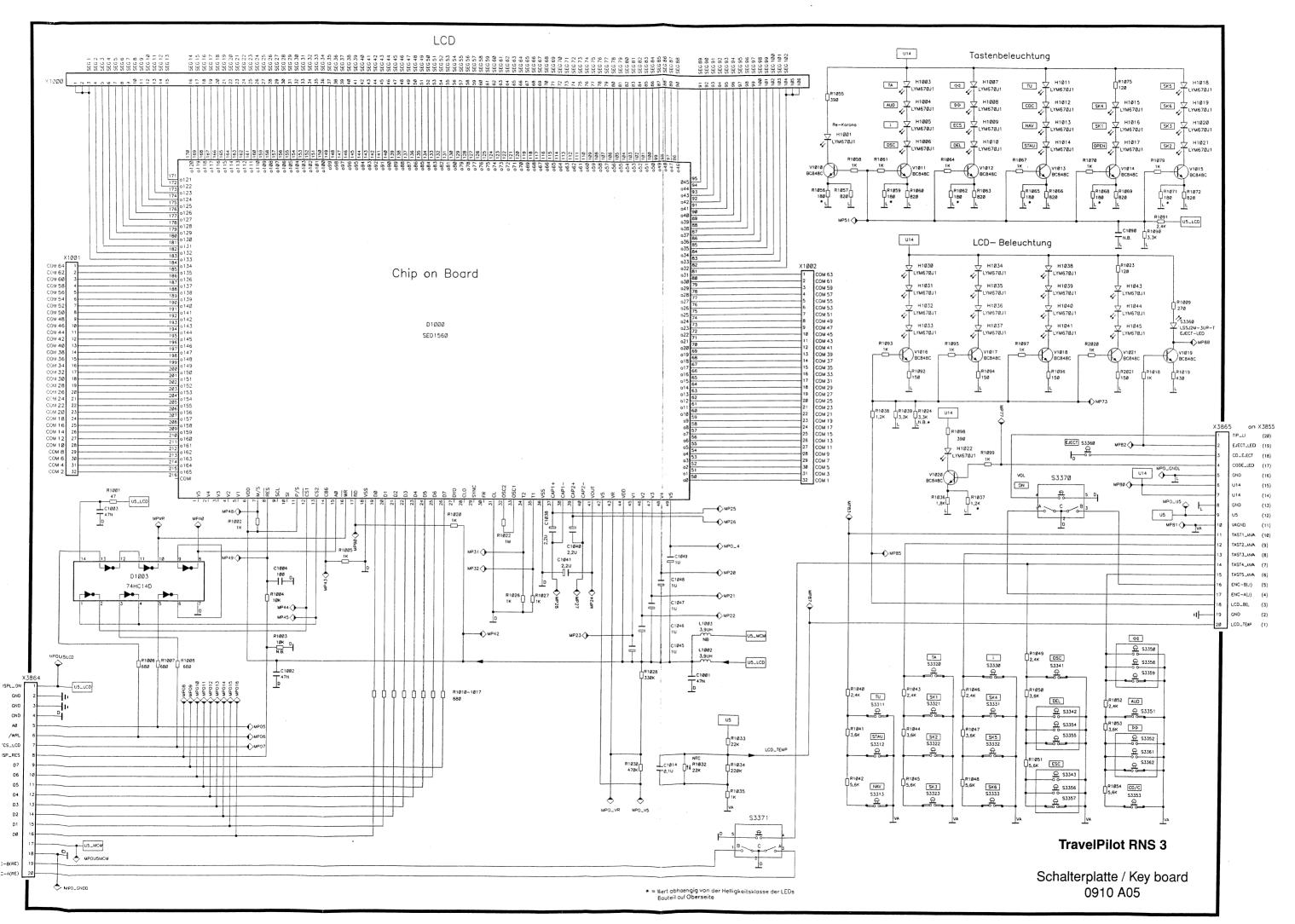
Schalterplatte
Key board
PL 0910 A05
B + Chip



Schalterplatte
Key board
PL 0910 A05
Chip











Navigation TravelPilot RNS 150

© Service Konzept 7 612 001 172/173

Allgemeines:

Nachfolger des TravelPilot RNS 149 mit geänderter Software und

4-fach Preamp-Out.

Den TravelPilot RNS 150 gibt es in 2 Ausführungen: 7 612 001 172 Silber und 7 612 001 173 Schwarz

Produktbeschreibung:

Navigation im 1 DIN-Einblockgehäuse mit Skyline-Kappe ohne

KeyCard mit Voll-DOT-Matrix-Display und MCM, Radio 2 IC-Konzept, BP1-LW mit Navi-Modul C und BP-GPS-Empfänger.

Einstellbarer Gyro.

Optimales Zubehör:

CD-Wechsler CDC A 08, IDC A 09, Lenkradfernbedienung RC 06

Anlauftermin D:

Mai 2000

Vertriebsweg:

D, F, I, CH, B, NL, E, P, DK, S, GB

Service-Abwicklung

Es gilt das Servicekonzept vom TravelPilot RNS 149.

Dokumentation:

Bedienungsanleitung

8 622 402 230 D, F, I

Bedienungsanleitung Bedienungsanleitung

8 622 402 251 E, P, GB 8 622 402 252 S, DK, GB

Bedienungsanleitung

8 622 402 229 NL, F, D

Ersatzteilliste

8 622 402 399

Rückfragen:

RG-KD-Leiter

Ihr Ansprechpartner: K7/VKD2 R. Knackstedt, Tel.: (0 51 21) 49-41 33

Für Ihren internen Verteiler:

X Organisation X Verkauf

X Werkstatt X Einbau

X Ersatzteildienst

X Navigation Mobile Audio/Video

Autoradio RadioPhone Verteiler-Nummer: 116, 10 €

Blaupunkt-Werke GmbH Hildesheim • K7/VKD • Robert Bosch-Str. 200 • 31139 Hildesheim • Tel.: (0 51 21) 49-0 Fax. (0 51 21) 49-40 82

(B) Service Concept 7 612 001 172/173

General:

Successor to the TravelPilot RNS 149 with altered software and

4 preamp-outs.

The TravelPilot RNS 150 is available in two versions:

7 612 001 172 silver and 7 612 001 173 black

Product description:

Navigation unit in 1 DIN single-unit casing with Skyline cover, without

keycard, with full dot matrix display and MCM, radio 2IC concept,

BP1-LW with navigation module C and BP GPS receiver.

Adjustable gyro.

Optional accessories:

CD changer CDC A 08, IDC A 09, steering wheel remote control

RC 06

Launch date D:

May 2000

Distribution channels:

D, F, I, CH, B, NL, E, P, DK, S, GB

Service handling:

The service concept for the TravelPilot RNS 149 applies.

Documentation:

Operating instructions

8 622 402 230 D, F, I

Operating instructions

8 622 402 251 E, P, GB

Operating instructions

8 622 402 252 S, DK, GB

Operating instructions

8 622 402 229 NL, F, D

Replacement parts list 8 622 402 399

Queries:

RG-KD manager

() Concetto per il servizio di assistenza tecnica 7 612 001 172/173

Note generali:

Successore del TravelPilot RNS 149con software particolare e con

4 Preamp-Out.

Il TravelPilot RNS 150 viene fornito in 2 esecuzioni:

7 612 001 172 argento e 7 612 001 173 oro.

Descrizione di prodotto:

Sistema di navigazione in 1 scatola DIN monoblocco con calotta skyline, senza KC (KeyCard), con display a complete matrici DOT e MCM, radio concetto 2IC, BP1-LW con modulo di navigazione C e

ricevitore BP-GPS. Giroscopio regolabile.

Accessori optional:

Multilettore CD CDC A 08, IDC A 09. telecomando da volante RC 06

Immissione

sul mercato D:

Maggio 2000

Vie distributive:

D. F. I, CH, B, NL, E, P, DK, S, GB

Svolgimento del servizio

di assistenza tecnica:

Vale il concetto di servizio di assistenza tecnica concepito per il

TravelPilot 149.

Documentazione:

Istruzioni d'uso 8 622 402 230 D, F, I Istruzioni d'uso 8 622 402 251 E, P, GB

1struzioni d'uso 8 622 402 252 S, DK, GB 1struzioni d'uso 8 622 402 229 NL, F, D

Elenco pezzi di ricambio 8 622 402 399

Per chiarimenti:

Direttore RG-KD

© Concept de service après-vente 7 612 001 172/173

Généralités:

Successeur du TravelPilot RNS 149 offrant un logiciel spécifique et

4 x sortie préampli.

Le TravelPilot 150 est disponible en deux versions:

7 612 001 172 argenté et 7 612 001 173 noir.

Description du produit:

Navigation en un boîtier mono-bloc de format DIN 1 avec cache Skyline sans KeyCard, écran entièrement matriciel et MCM, concept 2IC radio, BPI-LW avec module de navigation C et récepteur GPS BP.

Gyroscope réglable.

Options:

Changeur CD CDC A 08, IDC A 09, télécommande au volant RC 06

Date de lancement

en Allemagne:

Mai 2000

Vente:

D, F, I, CH, B, NL, E, P, DK, S, GB

Déroulement du service

après-vente:

Concept de service après-vente du TravelPilot RNS 149

Documentation:

Manuel d'emploi Manuel d'emploi 8 622 402 230 D, F, I 8 622 402 251 E, P, GB

Manuel d'emploi

8 622 402 252 S, DK, GB

Manuel d'emploi

8 622 402 229 NL, F, D

Liste de pièces détachées 8 622 402 399

Pour tout renseignement, contactez le directeur KD RG.